

## Product datasheet for **TS432795P5**

### AKT3 CytoSection

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | CytoSections                                                                                                                                                                                                                                                                                                                      |
| Description:                          | Transient overexpression of AKT3, transcript variant 3, in HEK293T cells, FFPE control for IHC, ICC and ISH staining, 25 slides per pack                                                                                                                                                                                          |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                             |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                           |
| Expression cDNA Clone or AA Sequence: | TrueORF Clone RC232795                                                                                                                                                                                                                                                                                                            |
| Tag:                                  | C-MYC/DDK                                                                                                                                                                                                                                                                                                                         |
| Detection Antibodies:                 | DDK Rabbit monoclonal antibody, recognizing both N- and C-terminal tags (TA592569)                                                                                                                                                                                                                                                |
| Target Detection Antibodies:          | AKT3 Mouse Monoclonal Antibody [Clone ID: OTI9B2] (TA500001)                                                                                                                                                                                                                                                                      |
| ACCN:                                 | <a href="#">NM_001206729</a> , <a href="#">NP_001193658</a>                                                                                                                                                                                                                                                                       |
| Synonyms:                             | MPPH; MPPH2; PKB-GAMMA; PKBG; PRKBG; RAC-gamma; RAC-PK-gamma; STK-2                                                                                                                                                                                                                                                               |
| Storage:                              | Room Temperature                                                                                                                                                                                                                                                                                                                  |
| Stability:                            | Slides are guaranteed for a year from the date of receipt if proper storage instructions were followed.                                                                                                                                                                                                                           |
| Preparation:                          | HEK293T cells were transiently transfected with TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs. After harvesting, the cultured cells were fixed in formalin & dehydrated before embedding in paraffin. 5 µm sections of the FFPE cell pellet blocks are cut and mounted on positively charged SuperFrost slides. |
| Note:                                 | This product is for research use only and is not approved for use in humans or in clinical diagnosis.                                                                                                                                                                                                                             |
| RefSeq:                               | <a href="#">NP_001193658</a>                                                                                                                                                                                                                                                                                                      |
| Locus ID:                             | 10000                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:                         | 1q43-q44                                                                                                                                                                                                                                                                                                                          |
| Protein Families:                     | Druggable Genome, ES Cell Differentiation/IPS, Protein Kinase                                                                                                                                                                                                                                                                     |



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**Protein Pathways:**

Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Glioma, Insulin signaling pathway, Jak-STAT signaling pathway, MAPK signaling pathway, Melanoma, mTOR signaling pathway, Neurotrophin signaling pathway, Non-small cell lung cancer, Pancreatic cancer, Pathways in cancer, Progesterone-mediated oocyte maturation, Prostate cancer, Renal cell carcinoma, Small cell lung cancer, T cell receptor signaling pathway, Tight junction, Toll-like receptor signaling pathway, VEGF signaling pathway