

Product datasheet for **TA383694**

AKT3 Rabbit Polyclonal Antibody

Product data:

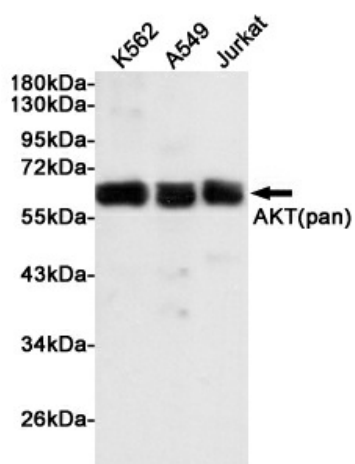
| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Applications: | FC, IF, IHC, IP, WB |
| Recommended Dilution: | WB: 1/500-1/2000 IHC: 1/50-1/200 ICC/IF: 1/50-1/200 IP: 1/50 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthesized peptide derived from human AKT1/2/3 |
| Formulation: | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration: | lot specific |
| Purification: | Affinity Chromatography |
| Conjugation: | Unconjugated |
| Storage: | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| Stability: | 1 year |
| Predicted Protein Size: | 56kDa |
| Gene Name: | AKT serine/threonine kinase 3 |
| Database Link: | Entrez Gene 10000 Human P31749 |
| Background: | Swiss-Prot Acc.P31749,P31751,Q9Y243.Akt, also referred to as PKB or Rac, plays a critical role in controlling survival and apoptosis. This protein kinase is activated by insulin and various growth and survival factors to function in a wortmannin-sensitive pathway involving PI3 kinase. Akt is activated by phospholipid binding and activation loop phosphorylation at Thr308 by PDK1 and by phosphorylation within the carboxy terminus at Ser473. |



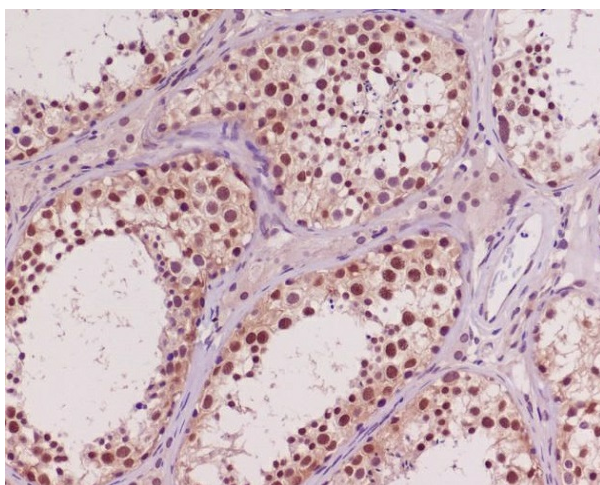
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Synonyms: DKFZp434N0250; OTTHUMP00000037911; OTTHUMP00000037912; PKB-GAMMA; PKBG; PRKBG; RAC-gamma; RAC-PK-gamma; STK-2

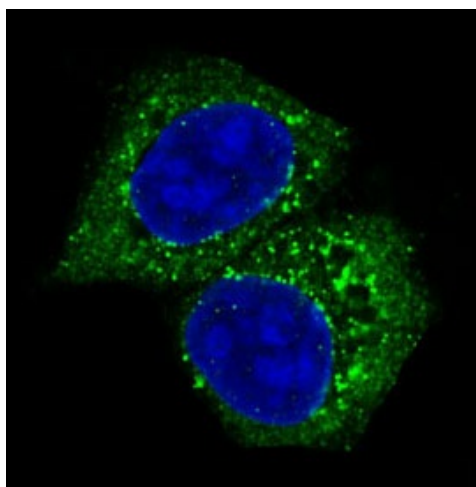
Product images:



Western blot analysis of AKT in K562, A549 and Jurkat lysates using AKT antibody.



Immunohistochemistry analysis of paraffin-embedded Human testis using AKT antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunofluorescence analysis of AKT in MCF-7 using AKT antibody.