

## Product datasheet for **TA311211**

### AKT2 Goat Polyclonal Antibody

#### Product data:

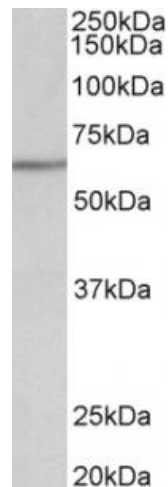
Product Type:	Primary Antibodies
Applications:	PEP-ELISA, WB
Recommended Dilution:	WB: 0.1-0.3ug/ml
Reactivity:	Human (Expected from sequence similarity: Mouse, Rat, Dog)
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence C-RYDSLGLLELDQRT, from the C Terminus of the protein sequence according to NP_001617.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20C. Minimize freezing and thawing.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	AKT serine/threonine kinase 2
Database Link:	<a href="#">NP_001617</a> <a href="#">Entrez Gene 11652 Mouse</a> <a href="#">Entrez Gene 25233 Rat</a> <a href="#">Entrez Gene 449021 Dog</a> <a href="#">Entrez Gene 208 Human</a> <a href="#">P31751</a>
Synonyms:	HIHGHH; PKBB; PKBBETA; PRKBB; RAC-BETA
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

**Product images:**


(0.3ug/ml) staining of Human Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.