

Product datasheet for **TA303202**

Kallikrein 5 (KLK5) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:4,000. WB: 0.1-0.3µg/ml.
Reactivity:	Human (Expected from sequence similarity: Rat, Dog, Cow)
Host:	Goat
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Peptide with sequence KAGR DSCQGD, from the internal region of the protein sequence according to NP_036559.1; NP_001070959.1; NP_001070960.1.
Formulation:	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Concentration:	lot specific
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. 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 -20°C. Minimize freezing and thawing.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	kallikrein related peptidase 5
Database Link:	NP_001070959 Entrez Gene 102546758 RatEntrez Gene 484353 DogEntrez Gene 690603 RatEntrez Gene 25818 Human Q9Y337



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Background:

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Synonyms:

KLK-L2; KLKL2; SCTE

Protein Families:

Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:

TA303202 (0.1ug/ml) staining of Human Prostate lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.