

Product datasheet for TA303202

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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 KAGRDSCQGD, 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 $^{\circ}$ 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

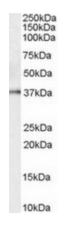
evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its expression is upregulated by estrogens and progestins. 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.