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Research Use Only. Not for diagnostic or therapeutic use.

EB07676 - Goat Anti-KLK5 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: KLK5, kallikrein-related peptidase 5, KLK-L2, KLKL2, SCTE, kallikrein

5, kallikrein-like protein 2, stratum corneum tryptic enzyme

Official Symbol: KLK5

Accession Number(s): NP_036559.1

Human GenelD(s): 25818

Important Comments: Reported variants represent identical protein (NP_036559.1;

NP_001070959.1; NP_001070960.1).

Immunogen

Peptide with sequence KAGRDSCQGD, from the internal region of the protein sequence according to NP_036559.1.

Please note the peptide is available for sale.

Purification and Storage

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.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:1000.

Western blot: Approx 35kDa band observed in Human Brain (Cerebellum), Mouse Brain

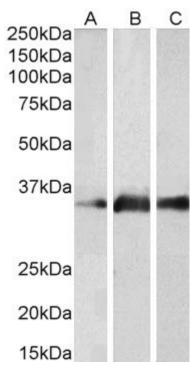
and Rat Brain lysates (calculated MW of 32.0kDa according to NP_036559.1).

Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human, Mouse, Rat

Expected from sequence similarity: Human; Rat, Dog, Cow



EB07676 (2μg/ml) staining of Human Brain (Cerebellum) (A), Mouse Brain (B) and Rat Brain (C) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.