

For Research Use Only

KCTD5 Recombinant antibody

Catalog Number: 85210-5-RR



Basic Information

Catalog Number:

85210-5-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7915

GenBank Accession Number:

BC007314

GeneID (NCBI):

54442

UNIPROT ID:

Q9NXV2

Full Name:

potassium channel tetramerisation domain containing 5

Calculated MW:

26 kDa

Observed MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

242864E2

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, SW480 cells, A172 cells, RAW 264.7 cells, PC-12 cells, mouse brain tissue

Background Information

KCTD5 belongs to the human potassium (K⁺) channel tetramerization domain (KCTD) family of proteins which share sequence similarity with the cytoplasmic domain of voltage-gated K⁺ channels (Kv channels). The KCTD proteins have relatively conserved N-terminal domains and variable C-termini (PMID: 24268103). KCTD5 interacts with cullin3 and has been proposed to function as substrate adapter for cullin3 based ubiquitin E3 ligases (PMID: 26188516).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

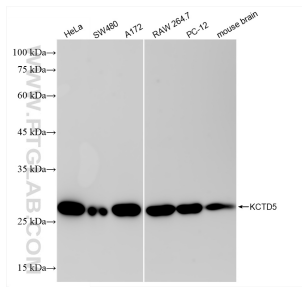
T: 4006900926

E: Proteintech-CN@ptglab.com

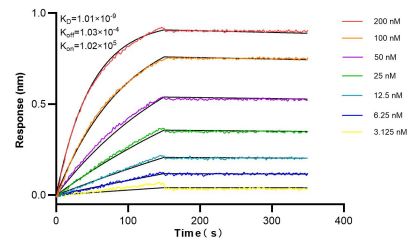
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85210-5-RR (KCTD5 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85210-5-RR against Human KCTD5 were performed. The affinity constant is 1.01 nM.