

For Research Use Only

KCTD5 Recombinant antibody

Catalog Number:85210-5-RR



Basic Information

Catalog Number: 85210-5-RR	GenBank Accession Number: BC007314	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 54442	CloneNo.: 242864E2
Source: Rabbit	UNIPROT ID: Q9NXV2	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: potassium channel tetramerisation domain containing 5	
Immunogen Catalog Number: AG7915	Calculated MW: 26 kDa	
	Observed MW: 27 kDa	

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

*** 20ul sizes contain 0.1% BSA

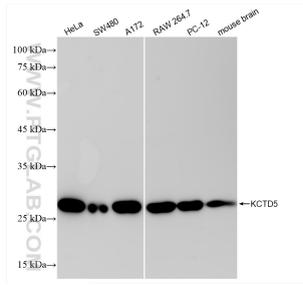
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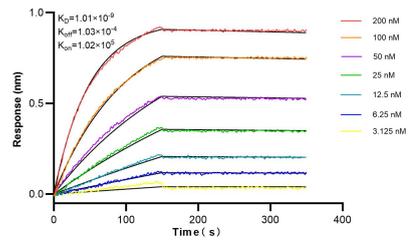
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Selected Validation Data



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.