

For Research Use Only

PLEKHH2 Recombinant antibody, PBS Only

Catalog Number:**86166-3-PBS**



Basic Information

Catalog Number:	86166-3-PBS	GenBank Accession Number:	BC063310	Purification Method:	Protein A purification
Size:	100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI):	130271	CloneNo.:	250291H8
Source:	Rabbit	UNIPROT ID:	Q8IVE3		
Isotype:	IgG	Full Name:	pleckstrin homology domain containing, family H (with MyTH4 domain) member 2		
Immunogen Catalog Number:	AG5409	Calculated MW:	168 kDa		
		Observed MW:	168 kDa		

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

PLEKHH2 is a 1491-residue intracellular protein highly enriched in renal glomerular podocytes. PLEKHH2 is one of two previously uncharacterized PLEKHH proteins encoded in the mammalian genomes. A PLEKHH ortholog has also been described in *Drosophila*, *Caenorhabditis elegans*, and zebrafish. In *C. elegans*, the loss of the protein was found to cause variable axon guidance defects.

Storage

Storage:

Store at -80°C.

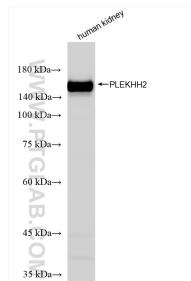
Storage Buffer:

PBS only, pH7.3

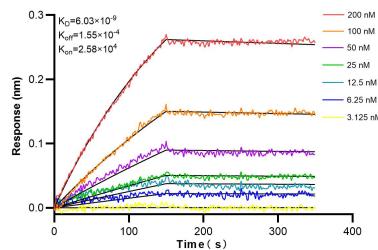
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Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 86166-3-RR (PLEKHH2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86166-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86166-3-RR against Human PLEKHH2 were performed. The affinity constant is 6.03 nM.