

For Research Use Only

VIPAS39 Recombinant antibody

Catalog Number: 84320-2-RR



Basic Information

Catalog Number: 84320-2-RR	GenBank Accession Number: BC015054	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 63894	CloneNo.: 241616A12
Source: Rabbit	UNIPROT ID: Q9H9C1	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: chromosome 14 open reading frame 133	
Immunogen Catalog Number: AG14762	Calculated MW: 493 aa, 57 kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HEK-293 cells, L02 cells, NIH/3T3 cells
Species Specificity: human, mouse	

Background Information

VIPAS39 (also known as C14orf133 or SPE-39) is a binding protein to Vps33B, one of the subunits in the mammalian HOPS complex. VIPAS39 may be involved in endosomal maturation or fusion (PMID: 23918659). Mutations in Vps33B and VIPAS39 cause arthrogryposis-renal dysfunction-cholestasis (ARC) syndrome, which is a rare autosomal recessive multisystem disorder associated with abnormalities in polarized liver and kidney cells (PMID: 20190753).

Storage

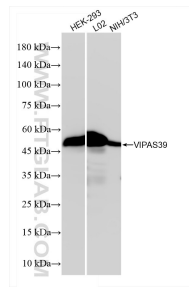
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

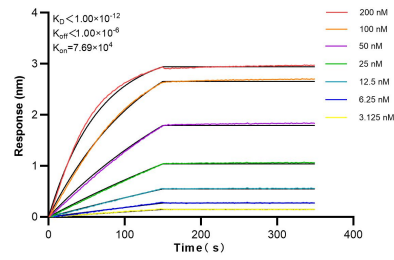
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84320-2-RR (C14orf133 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84320-2-RR against Human VIPAS39 were performed. The affinity constant is below 1 pM.