

For Research Use Only

VIPAS39 Recombinant antibody, PBS Only (Capture)

Catalog Number: 84320-2-PBS



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
84320-2-PBS	BC015054	Protein A purification
Concentration:	GeneID (NCBI):	CloneNo.:
1 mg/ml	63894	241616A12
Source:	UNIPROT ID:	
Rabbit	Q9H9C1	
Isotype:	Full Name:	
IgG	chromosome 14 open reading frame	
Immunogen Catalog Number:	133	
AG14762	Calculated MW:	
	493 aa, 57 kDa	
	Observed MW:	
	50 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

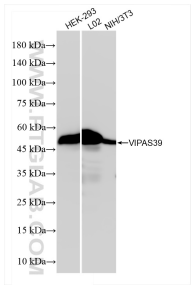
T: 4006900926

E: Proteintech-CN@ptglab.com

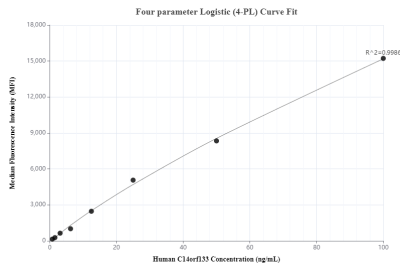
W: ptgcn.com

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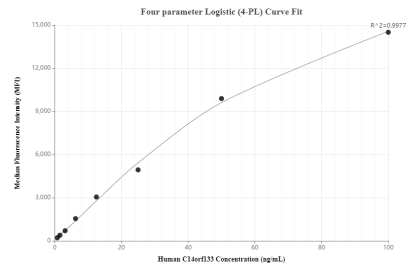
Selected Validation Data



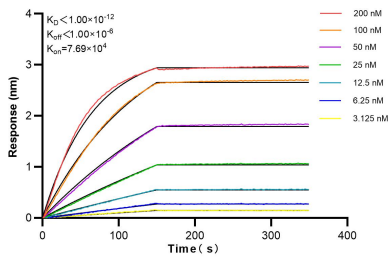
Various lysates were subjected to SDS PAGE followed by western blot with 84320-2-RR (C14orf133 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84320-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01194-2, VIPAS39 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84320-2-PBS. Detection antibody: 84320-3-PBS. Standard: Ag14762. Range: 0.781-100 ng/mL.



Cytometric bead array standard curve of MP01194-3, VIPAS39 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84320-2-PBS. Detection antibody: 84320-1-PBS. Standard: Ag14762. Range: 0.781-100 ng/mL.



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