

VPS33B Polyclonal Antibody

Catalog NumberPA5-29139

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 224 and 502 of Human VPS33B	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.97 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	0.1M tris glycine, pH 7, with 20% glycerol		
Contains	0.01% thimerosal		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

Recommended positive controls: 293T, A431, HeLa, HepG2. Predicted reactivity: Mouse (99%), Rat (98%), Chicken (90%), Bovine (98%). Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Background/Target Information

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome /lysosome pathway.

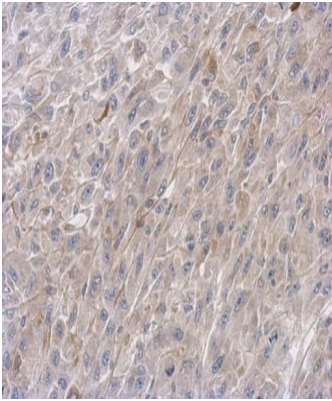
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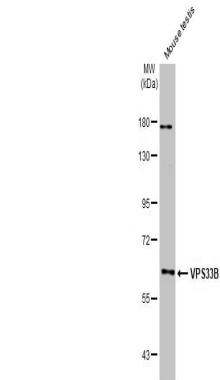
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Product Images For VPS33B Polyclonal Antibody



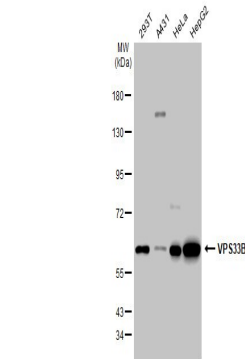
VPS33B Antibody (PA5-29139) in IHC (P)

Immunohistochemical analysis of paraffin-embedded U87 xenograft, using VPS33B (Product # PA5-29139) antibody at 1:500 dilution. Antigen Retrieval: EDTA based buffer, pH 8.0, 15 min.



VPS33B Antibody (PA5-29139) in WB

Western Blot using VPS33B Polyclonal Antibody (Product # PA5-29139). Mouse tissue extract (50 µg) was separated by 7.5% SDS-PAGE, and the membrane was blotted with VPS33B Polyclonal Antibody (Product # PA5-29139) diluted at 1:1,000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



VPS33B Antibody (PA5-29139) in WB

Western Blot using VPS33B Polyclonal Antibody (Product # PA5-29139). Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with VPS33B Polyclonal Antibody (Product # PA5-29139) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.

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