

VPS35 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to a region within amino acids 733 and 796 of VPS35 (Uniprot ID#Q96QK1)
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol
Contains	0.025% Proclin 300
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11153540

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1000-1:10000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1000	-
Immunocytochemistry (ICC)	1:100-1:1000	-
Immunofluorescence (IF)	1:100-1:1000	-

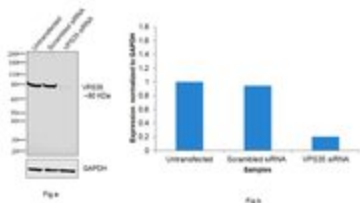
Product Specific Information

Recommended positive controls: Mouse brain, Rat Brain, HeLa, A549, H1299, HCT116, HepG2, Molt4, Raji.

Predicted reactivity: Mouse (100%), Rat (100%), Bovine (100%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Advanced Verification Data



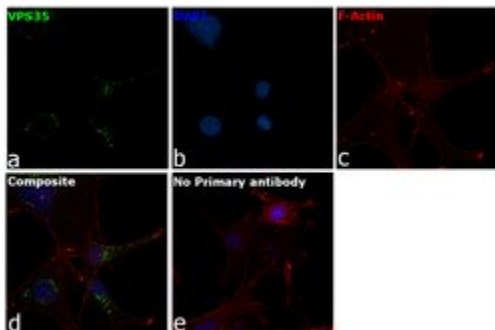
VPS35 Antibody (PA5-21898)

Antibody specificity was demonstrated by siRNA mediated KD of target protein. HeLa cells were transfected with VPS35 siRNA and reduction of signal was observed in Western Blot using VPS35 Polyclonal Antibody (Product # PA5-21898). Knockdown validation info.

Product Images For VPS35 Polyclonal Antibody

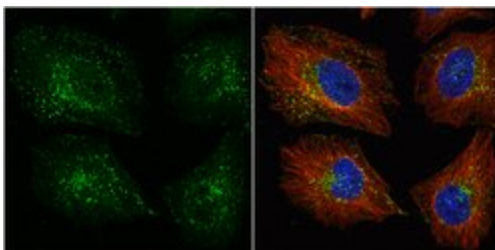
VPS35 Antibody (PA5-21898) in IF

Immunofluorescence analysis of VPS35 was performed using U-87 MG cells. The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 10 minutes, and blocked with 1% BSA for 1 hour at room temperature. The cells were labeled with VPS35 Rabbit Polyclonal Antibody (Product # PA5-21898) at 1:200 dilution in 0.1% BSA and incubated overnight at 4 degree and then labeled with Goat anti-Rabbit IgG (H+L) Superclonal™ Secondary Antibody, Alexa Fluor® 488 conjugate (Product # A27034) at a dilution of 1:2000 for 45 minutes at room temperature (Panel a: green). Nuclei (Panel b: blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the composite image showing endosomal localization. Panel e represents control cells with no primary antibody to assess background. The images were captured at 60X magnification. .



VPS35 Antibody (PA5-21898) in ICC

Immunocytochemistry-Immunofluorescence analysis of VPS35 was performed in HeLa cells fixed in 4% paraformaldehyde at RT for 15 min. Green: VPS35 Polyclonal Antibody (Product # PA5-21898) diluted at 1:1000. Red: alpha Tubulin, a cytoskeleton marker. Blue: Hoechst 33342 staining.



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