Product Datasheet

VPS35 Antibody (7E4) - BSA Free
NBP2-78823

Unit Size: 100 ug

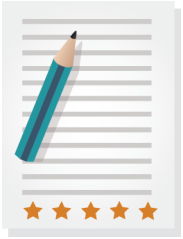
Store at -20C.

www.novusbio.com technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-78823

Updated 9/9/2025 v.20.1



NBP2-78823

VPS35 Antibody (7E4) - BSA Free

Product Information

Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C.
Clonality	Monoclonal
Clone	7E4
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

Product Description

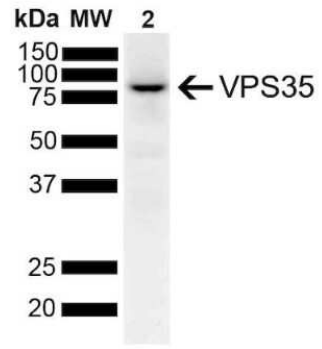
Description	Novus Biologicals Knockout (KO) Validated Mouse VPS35 Antibody (7E4) - BSA Free (NBP2-78823) is a monoclonal antibody validated for use in WB, ICC/IF and IP. Anti-VPS35 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	55737
Gene Symbol	VPS35
Species	Human, Mouse, Rat
Immunogen	Full length recombinant human VSP35

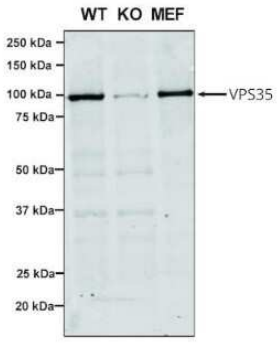
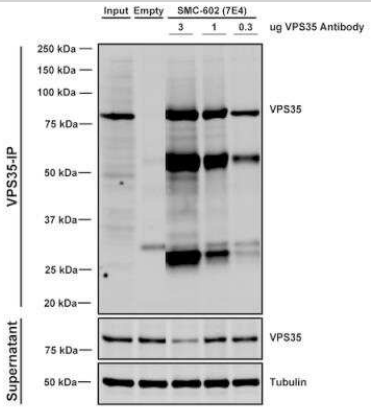
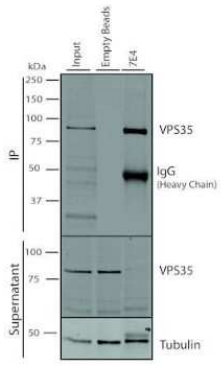
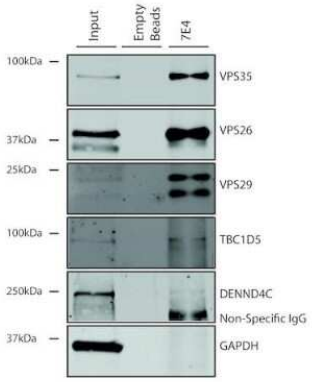
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Knockout Validated
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:200, Immunoprecipitation 1:200, Knockout Validated

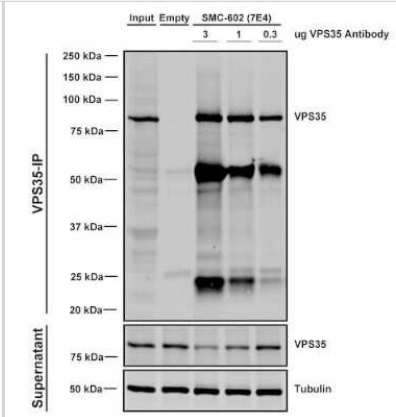
Images

Western Blot: VPS35 Antibody (7E4) [NBP2-78823] - Western Blot analysis of Human SH-SY5Y lysates showing detection of 91.7 kDa VPS35 protein using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4 (NBP2-78823). Lane 1: Molecular Weight Ladder. Lane 2: SH-SY5Y. Load: 10 ug. Block: 5% Skim Milk powder in TBST. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody (NBP2-78823) at 1:1000 for 2 hours at RT with shaking. Secondary Antibody: Goat anti-mouse IgG:HRP at 1:4000 for 1 hour at RT with shaking. Color Development: Chemiluminescent for HRP (Moss) for 5 min in RT. Predicted/Observed Size: 91.7 kDa.

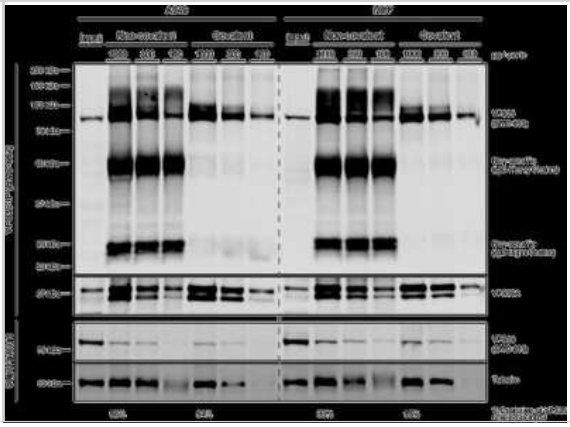


Western Blot: VPS35 Antibody (7E4) [NBP2-78823] - Western Blot analysis of Human, Mouse A549, MEF showing detection of VPS35 protein using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4 (NBP2-78823). Lane 1: Molecular Weight Ladder. Lane 2: VPS35 KO A549 cells. Lane 3: mouse embryonic fibroblast cells.. Load: 8 ug each A549 and MEF. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody (NBP2-78823) at 1:5 (tissue culture supernatant). Secondary Antibody: Donkey anti-mouse IRDye 800CW at 1:25000 in TBS-T.	
Immunoprecipitation: VPS35 Antibody (7E4) [NBP2-78823] - Tissue: embryonic fibroblast. Species: Mouse. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody (NBP2-78823). Three amounts of NBP2-78823 (3, 1 and 0.3 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4 degrees C and next incubated with 250ug of MEF lysate for 2 hours at 4 degrees C.	
Immunoprecipitation: VPS35 Antibody (7E4) [NBP2-78823] - Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4 . Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. 500 uL cell culture supernatants were incubated with 10 uL of Protein A/G resin beads for 1 hour at 4C. Clone 7E4 depletes virtually all of the VPS35 from the A549 cell extract.	
Immunoprecipitation: VPS35 Antibody (7E4) [NBP2-78823] - Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody.	

Immunoprecipitation: VPS35 Antibody (7E4) [NBP2-78823] - Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4. Tissue: A549 cells. Species: Human. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody. Three amounts of NBP2-78823 (3, 1 and 0.3 ug) were non-covalently coupled to 10uL of A/G sepharose beads for 1 hour at 4C and next incubated with 250ug of A549 lysate for 2 hours at 4C.



Immunoprecipitation: VPS35 Antibody (7E4) [NBP2-78823] - Immunoprecipitation analysis using Mouse Anti-VPS35 Monoclonal Antibody, Clone 7E4. Tissue: MEF, A549 cells. Species: Human, Mouse. Primary Antibody: Mouse Anti-VPS35 Monoclonal Antibody (SMC-602) at 1:5 (tissue culture supernatant). 10 ug antibody were coupled to 10 uL A/G resin beads either covalently (with DMP) or non-covalently (1 hour at 4 degrees). The antibody immunoprecipitates VPS35 in mouse and human cells effectively when covalently coupled to the beads..



Publications

Dominko K, Rastija A, Sobocanec S et al. Impaired Retromer Function in Niemann-Pick Type C Disease Is Dependent on Intracellular Cholesterol Accumulation International journal of molecular sciences 2021-12-09 [PMID: 34948052]

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Products Related to NBP2-78823

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00055737-P01-10ug	Recombinant Human VPS35 GST (N-Term) Protein

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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