

Mouse RAB3D Monoclonal Antibody | anti-RAB3D antibody

RAB3D Antibody: ATTO 390

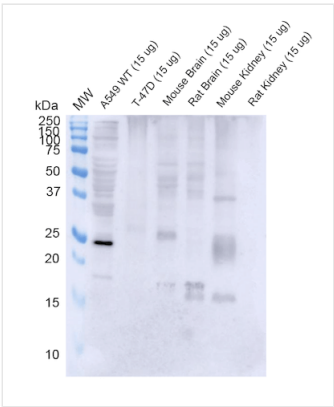
CATALOG # AAA254049	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

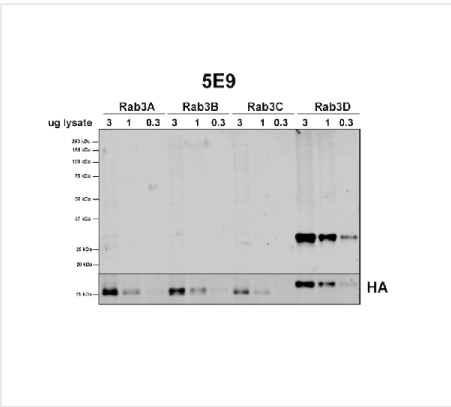
RAB3D; Monoclonal Antibody; RAB3D Antibody: ATTO 390; Mouse Anti-Human RAB3D Monoclonal IgG1; RAB3D Antibody; Clone 5E9: ATTO 390; Member RAS Oncogene Family antibody; D2-2 antibody; GOV antibody; RAB16 antibody; RAD3D antibody; Ras-Related Protein Rab-3D antibody; anti-RAB3D antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5E9
Specificity	Detects ~24kDa. Does not show cross reactivity to RAB3A, RAB3B, or RAB3C.
Purity/Purification	Protein G Purified
Form/Format	PBS pH7.4, 50% glycerol, 0.09% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-RAB3D antibody	WB (Western Blot)
Immunogen	Full length recombinant RAB3D protein
Immunogen Species	Human
Conjugation	ATTO 390
Cellular Localization	Cell membrane, Membrane
Preparation and Storage	Store at -20 degree C Shipping: Blue Ice



WB (Western Blot)
Western Blot analysis of Human, Mouse, Rat A549, T-47D cells, mouse and rat brain, kidney showing detection of RAB3D protein using Mouse Anti-RAB3D Monoclonal Antibody, Clone 5E9 . Lane 1: MW ladder. Lane 2: WT A549 cells. Lane 3: T-47D cells. Lane 4: mouse brain. Lane 5: rat brain. Lane 6: mouse kidney. Lane 7: rat kidney.. Load: 15 ug. Block: 5% Skim Milk Powder in TBST. Primary Antibody: Mouse Anti-RAB3D Monoclonal Antibody 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.



WB (Western Blot)
Western Blot analysis of Human HEK293 cells overexpressing RAB3A, RAB3B, RAB3C, and RAB3D showing detection of RAB3D protein using Mouse Anti-RAB3D Monoclonal Antibody, Clone 5E9 . Lane 1: MW ladder. Lanes 2-4: HEK293 cells overexpressing RAB3A. Lanes 5-7: HEK293 cells overexpressing RAB3B. Lanes 8-10: HEK293 cells overexpressing RAB3C. Lanes 11-13: HEK293 cells overexpressing RAB3D.. Primary Antibody: Mouse Anti-RAB3D Monoclonal Antibody . Courtesy of: Dario Alessi Lab, University of Dundee.

ADDITIONAL INFORMATION

Related Product Information for anti-RAB3D antibody	Rab3D is a small exocytic GTPase involved in protein transport. It is required for efficient bone resorption by osteoclasts (1) and associates with a subset of the trans-golgi network (2).
Product Categories/Family for anti-RAB3D antibody	Antibodies ; Cancer ; Cell Signaling ; Cell Signaling ; Autophagy Golgi Proteins ; Alzheimer's Disease ; Growth Factors ; Membrane Trafficking Proteins ; Neurodegeneration ; Neuroscience ; Parkinson's Disease ; Protein Trafficking
References	1. Zhu, S. et al. (2016) Sci Rep. 6:379632. Pavlos, N. J. et al. (2005) Mol Cell Biol. 25(12): 5253–5269

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759000
NCBI GeneID	9545
NCBI Accession #	NP_004274
NCBI GenBank Nucleotide #	NM_004283.3
UniProt Accession #	O95716
Molecular Weight	26.4 kDa (239aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
NCBI Official Full Name	ras-related protein Rab-3D
NCBI Official Synonym Full Names	RAB3D, member RAS oncogene family
NCBI Official Symbol	RAB3D
NCBI Official Synonym Symbols	GOV; D2-2; RAB16; RAD3D
NCBI Protein Information	ras-related protein Rab-3D
UniProt Protein Name	Ras-related protein Rab-3D
UniProt Gene Name	RAB3D
UniProt Synonym Gene Names	GOV; RAB16

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/rab3d-antibody-clone-5e9-western-blot-elisa/254049>