

Mouse SEC14L2 Monoclonal Antibody | anti-SEC14L2 antibody

SEC14L2 antibody

CATALOG #	HOST	APPLICATIONS
AAA106855	Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

SEC14L2; Monoclonal Antibody; SEC14L2 antibody; Monoclonal SEC14L2; Anti-SEC14L2; SEC14-like 2; KIAA1186; Alpha-tocopherol-associated protein; Squalene transfer protein; Supernatant protein factor; C22orf6; SECL2 14; SECL2-14; anti-SEC14L2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	4H2
Purity/Purification	SEC14L2 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	403
Applicable Applications for anti-SEC14L2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	SEC14L2 is a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalenemonooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway.
Cross-Reactivity	Human, Dog, Monkey, Mouse
Immunogen	SEC14L2 antibody was raised in mouse using a full length recombinant protein of human SEC14L2 (NP_036561) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant SEC14L2 protein using SEC14L2 antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of SEC14L2 protein in paraffin embedded Human prostate tissue using SEC14L2 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant SEC14L2 protein (Right) or empty vector (Left) detected with SEC14L2 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-SEC14L2 antibody	Mouse monoclonal SEC14L2 antibody
Product Categories/Family for anti-SEC14L2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	7110715
NCBI GeneID	23541
NCBI Accession #	NP_036561
NCBI GenBank Nucleotide #	NM_012429.3
UniProt Accession #	O76054 ; Q53EQ2 ; Q6PD61 ; Q9ULN4 ; B7Z8Q1 ; F5H3U4
Molecular Weight	36,636 Da
NCBI Official Full Name	SEC14-like protein 2 isoform 1
NCBI Official Synonym Full Names	SEC14-like 2 (S. cerevisiae)
NCBI Official Symbol	SEC14L2
NCBI Official Synonym Symbols	SPF; TAP; TAP1; C22orf6
NCBI Protein Information	SEC14-like protein 2
UniProt Protein Name	SEC14-like protein 2
UniProt Gene Name	SEC14L2
UniProt Synonym Gene Names	C22orf6; KIAA1186; KIAA1658; TAP; hTAP; SPF
UniProt Entry Name	S14L2_HUMAN

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://stage.aaabiotech.com/monoclonal/sec14l2-antibody-clone-4h2-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106855>