

Anti-SEC14L2 / TAP Rabbit Monoclonal Antibody

Catalog # ABO16661

Product Information

Application	WB, IHC
Primary Accession	O76054
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SEC14L2 / TAP Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

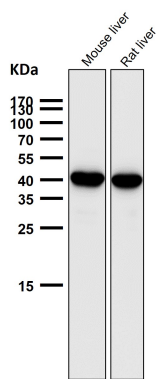
Gene ID	23541
Other Names	SEC14-like protein 2, Alpha-tocopherol-associated protein, TAP, hTAP, Squalene transfer protein, Supernatant protein factor, SPF, SEC14L2, C22orf6, KIAA1186, KIAA1658
Calculated MW	46145
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: 31S32 A synthesized peptide derived from human SEC14L2 / TAP
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

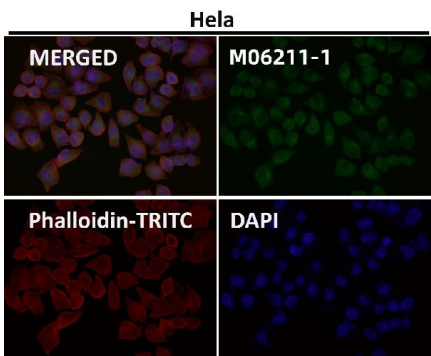
Name	SEC14L2
Synonyms	C22orf6, KIAA1186, KIAA1658

Function	Carrier protein. Binds to some hydrophobic molecules and promotes their transfer between the different cellular sites. Binds with high affinity to alpha-tocopherol. Also binds with a weaker affinity to other tocopherols and to tocotrienols. May have a transcriptional activatory activity via its association with alpha- tocopherol. Probably recognizes and binds some squalene structure, suggesting that it may regulate cholesterol biosynthesis by increasing the transfer of squalene to a metabolic active pool in the cell.
Cellular Location	Cytoplasm. Nucleus. Note=Cytoplasmic in absence of alpha-tocopherol, and nuclear in presence of alpha-tocopherol
Tissue Location	Widely expressed. Strong expression in liver, brain and prostate.

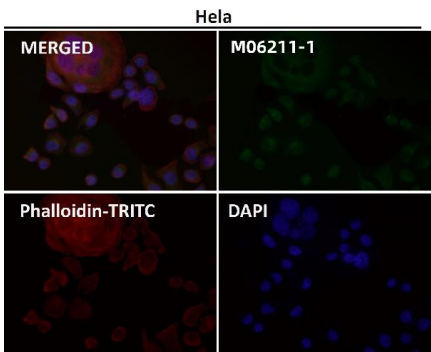
Images



All lanes use the Antibody at 1:5K dilution for 1 hour at room temperature.

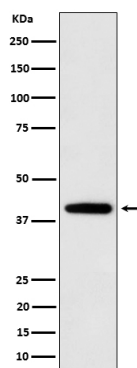
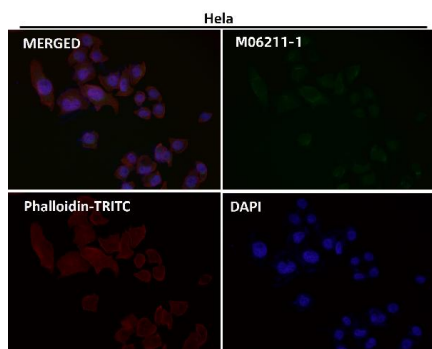


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.

Immunofluorescent analysis using the Antibody at 1:500 dilution.



Western blot analysis of SEC14L2 / TAP expression in U87-MG cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.