



SEC13 mouse mAb

Catalog No	YP-mAb-18267
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SEC13 D3S1231E SEC13L1 SEC13R
Immunogen	Synthesized peptide derived from human SEC13
Specificity	This antibody detects endogenous levels of SEC13 at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	D3S1231E;GATOR2 complex protein SEC13;Protein SEC13 homolog;SEC13A; SEC13L1;SEC13;SEC13 D3S1231E SEC13L1 SEC13R;Protein SEC13 homolog (SEC13-like protein 1) (SEC13-related protein)
Observed Band	36 kDa
Calculated Molecular Weight	36 kDa
Cell Pathway	Cytoplasmic vesicle, COPII-coated vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Nucleus, nuclear pore complex . Lysosome membrane . In interphase, localizes at both sides of the NPC. .
Tissue Specificity	
Function	Functions as a component of the nuclear pore complex (NPC) and the COPII coat. At the endoplasmic reticulum, SEC13 is involved in the biogenesis of COPII-coated vesicles . Required for the exit of adipsin (CFD/ADN), an adipocyte-secreted protein from the endoplasmic reticulum (By similarity). ; As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway. Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex . It is negatively regulated by the upstream amino acid



sensors SESN2 and CASTOR1 .

Background

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images