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SEC23 Antibody

Rabbit mAb
Catalog # AP91749

Product Information

Application	WB, FC
Primary Accession	Q15436
Reactivity	Human
Clonality	Monoclonal
Other Names	CLSD; sec23a;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	86161

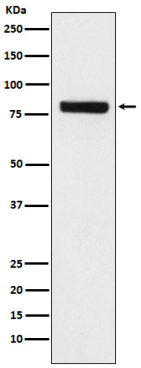
Additional Information

Dilution	WB 1:1000~1:5000 FC 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human SEC23
Description	Component of the COPII coat, that covers ER-derived vesicles involved in transport from the endoplasmic reticulum to the Golgi apparatus.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	SEC23A (HGNC:10701)
Function	Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex. Required for the translocation of insulin-induced glucose transporter SLC2A4/GLUT4 to the cell membrane (By similarity).
Cellular Location	Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm, cytosol. Note=Enriched at endoplasmic reticulum exit sites, also known as transitional endoplasmic reticulum (tER)
Tissue Location	Ubiquitously expressed.

Images



Western blot analysis of SEC23 expression in HeLa cell lysate.

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