10320 Camino Santa Fe, Suite G
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SEC23 Antibody
Rabbit mAb
Catalog # AP91749

Specification

SEC23 Antibody - Product Information

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

SEC23 Antibody - Additional Information

Dilution	**WB~~1:1000** **FC~~1:10~50**
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.**

SEC23 Antibody - 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)

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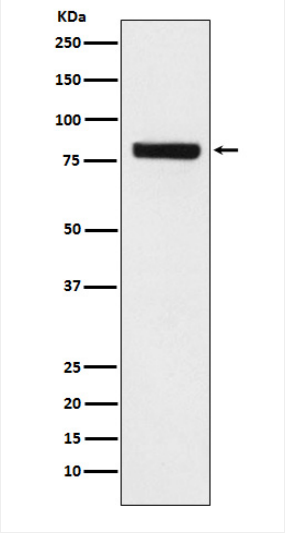
Tissue Location
Ubiquitously expressed.

SEC23 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SEC23 Antibody - Images



Western blot analysis of SEC23 expression in HeLa cell lysate.