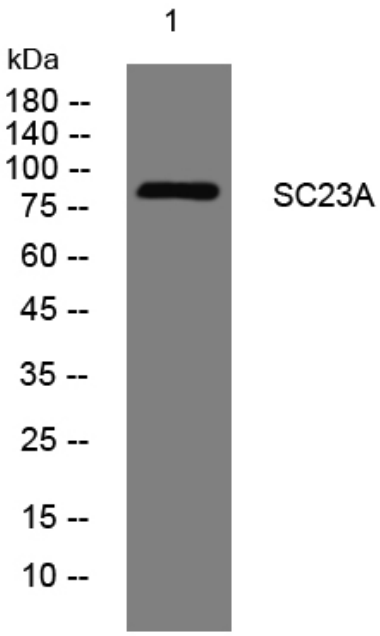
SC23A rabbit pAb

Catalog No	YP-Ab-08193
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	SEC23A
Protein Name	SC23A
Immunogen	Synthesized peptide derived from human SC23A AA range: 352-402
Specificity	This antibody detects endogenous levels of SC23A at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.308% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Protein transport protein Sec23A (SEC23-related protein A)
Observed Band	85kD
Cell Pathway	Cytoplasmic vesicle, COPII-coated vesicle membrane ; Peripheral membrane protein ; Cytoplasmic side . Endoplasmic reticulum membrane ; Peripheral membrane protein ; Cytoplasmic side . Cytoplasm, cytosol . Enriched at endoplasmic reticulum exit sites, also known as transitional endoplasmic reticulum (tER). .
Tissue Specificity	Ubiquitously expressed.
Function	disease:Defects in SEC23A are the cause of craniolenticulosutural dysplasia (CLSD) [MIM:607812]. Cranio-lenticulo-sutural dysplasia (CLSD) is an autosomal recessive syndrome characterized by late-closing fontanels, sutural cataracts, facial dysmorphisms and skeletal defects.,function:Component of the COPII coat, that covers ER-derived vesicles involved in transport from the endoplasmic reticulum to the Golgi apparatus. COPII acts in the cytoplasm to promote the transport of secretory, plasma membrane, and vacuolar proteins from the endoplasmic reticulum to the Golgi complex.,similarity:Belongs to the SEC23/SEC24 family. SEC23 subfamily.,subcellular location:In the ribosome-free transitional face of the ER and associated vesicles.,subunit:COPII is composed of at least five proteins: the Sec23/24 complex, the Sec13/31 complex and Sar1. Interacts with SEC23IP. Interacts with HTR4 (By simila

Background	The protein encoded by this gene is a member of the SEC23 subfamily of the SEC23/SEC24 family. It is part of a protein complex and found in the ribosome-free transitional face of the endoplasmic reticulum (ER) and associated vesicles. This protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The encoded protein is suggested to play a role in the ER-Golgi protein trafficking. [provided by RefSeq, Jul 2008],
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



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night