
Product Name: SEC22B Rabbit Polyclonal Antibody**Catalog #: APRab17691**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:20000
Molecular Weight	23kDa

Antigen Information

Gene Name	SEC22B
Alternative Names	SEC22B; SEC22L1; Vesicle-trafficking protein SEC22b; ER-Golgi SNARE of 24 kDa; ERS-24; ERS24; SEC22 vesicle-trafficking protein homolog B; SEC22 vesicle-trafficking protein-like 1
Gene ID	9554.0
SwissProt ID	O75396
Immunogen	Synthesized peptide derived from the Internal region of human SEC22B.

Background

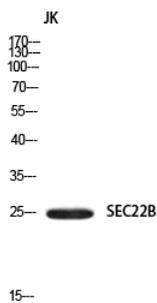
The protein encoded by this gene is a member of the SEC22 family of vesicle trafficking proteins. It seems to complex with

SNARE and it is thought to play a role in the ER-Golgi protein trafficking. This protein has strong similarity to Mus musculus and Cricetus griseus proteins.[provided by RefSeq, Sep 2009],function:SNARE involved in targeting and fusion of ER-derived transport vesicles with the Golgi complex as well as Golgi-derived retrograde transport vesicles with the ER.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the synaptobrevin family.,similarity:Contains 1 longin domain.,similarity:Contains 1 v-SNARE coiled-coil homology domain.,subcellular location:Identified by mass spectrometry in melanosome fractions from stage I to stage IV.,subunit:Component of two distinct SNARE complexes consisting of STX5, GOSR2/BOS1, BET1 and SEC22B or STX18, USE1L, BNIP1/SEC20L and SEC22B. YKT6 can probably replace SEC22B in either complex.,

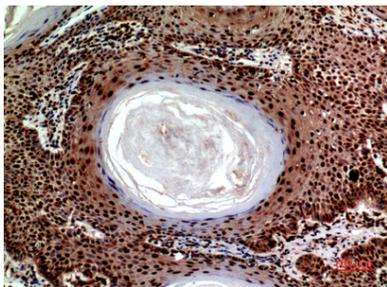
Research Area

SNARE interactions in vesicular transport;

Image Data



Western blot analysis of JK using SEC22B antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-skin, antibody was diluted at 1:100