



Rabbit Anti-SEC22L1 antibody

SL19612R

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| Product Name: | SEC22L1 |
| Chinese Name: | TransporterSEC22L1抗体 |
| Alias: | ERS 24; ERS24; SC22B_HUMAN; SEC22 vesicle trafficking protein homolog B; SEC22 vesicle trafficking protein like 1; SEC22B; SEC22L 1; Vesicle trafficking protein SEC22b. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep, |
| Applications: | ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user. |
| Molecular weight: | 24kDa |
| Cellular localization: | cytoplasmic |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human SEC22L1:121-215/215 |
| Lsotype: | IgG |
| Purification: | affinity purified by Protein A |
| Storage Buffer: | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage: | Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C. |
| PubMed: | PubMed |
| Product Detail: | 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 Cricetulus 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.

Subunit:

Interacts with STX17 (By similarity). Component of two distinct SNARE complexes consisting of STX5, GOSR2/BOS1, BET1 and SEC22B or STX18, USE1L, BNIPI/SEC20L and SEC22B. YKT6 can probably replace SEC22B in either complex.

Subcellular Location:

Endoplasmic reticulum-Golgi intermediate compartment membrane; Single-pass type IV membrane protein (By similarity). Golgi apparatus membrane; Single-pass type IV membrane protein (By similarity). Melanosome. Note=Identified by mass spectrometry in melanosome fractions from stage I to stage IV.

Similarity:

Belongs to the synaptobrevin family.

SWISS:

O75396

Gene ID:

9554

Database links:

[Entrez Gene: 9554](#) Human

[Entrez Gene: 424377](#) Chicken

[Entrez Gene: 20333](#) Mouse

[Entrez Gene: 310710](#) Rat

[Omim: 604029](#) Human

[SwissProt: O75396](#) Human

[SwissProt: O08547](#) Mouse

[SwissProt: Q4KM74](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

