

SEC31A Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58214

Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession <u>094979</u>

Reactivity Rat, Pig, Dog, Bovine

HostRabbitClonalityPolyclonalCalculated MW133015

Additional Information

Gene ID 22872

Other Names Protein transport protein Sec31A, ABP125, ABP130, SEC31-like protein 1,

SEC31-related protein A, Web1-like protein, SEC31A, KIAA0905, SEC31L1

Dilution IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-

10000

Storage Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name SEC31A

Synonyms KIAA0905, SEC31L1

Function Component of the coat protein complex II (COPII) which promotes the

formation of transport vesicles from the endoplasmic reticulum (ER) (PubMed: 10788476). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the

selection of cargo molecules (By similarity).

Cellular Location Cytoplasmic vesicle, COPII-coated vesicle membrane; Peripheral

membrane protein; Cytoplasmic side. Endoplasmic reticulum membrane; Peripheral membrane protein. Cytoplasm, cytosol. Note=Associates with membranes in a GTP- dependent manner (By similarity). Localizes to endoplasmic reticulum exit sites (ERES), also known as transitional endoplasmic reticulum (tER) (PubMed:17428803, PubMed:25201882,

PubMed:28442536) {ECO:0000250 | UniProtKB:Q9Z2Q1,

ECO:0000269 | PubMed:17428803, ECO:0000269 | PubMed:25201882,

ECO:0000269 | PubMed:28442536}

Tissue Location

Abundantly and ubiquitously expressed.

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