

Mouse anti-Human SEC31A Monoclonal Antibody | anti-SEC31A antibody

SEC31A Antibody

CATALOG # AAA312058	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	----------------------------	---

PRODUCT SYNONYMS

SEC31A; Monoclonal Antibody; SEC31A Antibody; 1810024J13Rik antibody; ABP125 antibody; ABP130 antibody; AU042160 antibody; DKFZp686N07171 antibody; HSPC275 antibody; HSPC334 antibody; KIAA0905 antibody; MGC90305 antibody; MGC93320 antibody; Protein transport protein Sec31A antibody; SEC31 homolog A (S. cerevisiae) antibody; SEC31 like 1 antibody; SEC31 like protein 1 antibody; SEC31 related protein A antibody; SEC31L1 antibody; VAP1 antibody; Web1 like protein antibody; Yeast Sec31p homolog antibody; anti-SEC31A antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	C6-D12
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SEC31A antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissue using anti-SEC31A antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of SEC31A on HEK293 (1) and SEC31A-hlgGfc transfected HEK293 (2) cell lysate using anti-SEC31A antibody at 1/1, 000 dilution.



WB (Western Blot)

Western blot analysis of SEC31A on human SEC31A recombinant protein using anti-SEC31A antibody at 1/1, 000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-SEC31A antibody	WD-repeats are motifs that are found in a variety of proteins and are characterized by a conserved core of 40-60 amino acids that commonly form a tertiary propeller structure. While proteins that contain WD-repeats participate in a wide range of cellular functions, they are generally involved in regulatory mechanisms concerning chromatin assembly, cell cycle control, signal transduction, RNA processing, apoptosis and vesicular trafficking. Sec31A, also known as ABP125, ABP130 or SEC31L1, is a 1, 220 amino acid protein that contains seven WD repeats and localizes to the cytoplasm and to cytoplasmic vesicles, as well as to the membrane of the endoplasmic reticulum (ER). Expressed ubiquitously at high levels, Sec31A functions as a component of the COP II (coat protein II) complex and, working in tandem with other proteins, promotes the formation of ER transport vesicles and aids in the selection of cargo molecules. Chromosomal aberrations that involve the Sec31A gene are associated with inflammatory myofibroblastic tumors (IMTs), suggesting a role for Sec31A in carcinogenesis. Multiple isoforms of Sec31A exist due to alternative splicing events.
Product Categories/Family for anti-SEC31A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	116256336
NCBI GeneID	22872
NCBI Accession #	NP_001070674
NCBI GenBank Nucleotide #	NM_001077206
UniProt Accession #	O94979; Q17RR5; Q5H9P6; Q5XG74; Q659G7; Q6ZU90; Q7LCX9; Q86TJ0; B4DIW6; B7ZKZ7; B7ZL00; H7C2W3
Molecular Weight	127,556 Da
NCBI Official Full Name	protein transport protein Sec31A isoform 4
NCBI Official Synonym Full Names	SEC31 homolog A (S. cerevisiae)
NCBI Official Symbol	SEC31A
NCBI Official Synonym Symbols	ABP125; ABP130; HSPC275; HSPC334; SEC31L1
NCBI Protein Information	protein transport protein Sec31A; SEC31-like protein 1; SEC31-related protein A; web1-like protein; yeast Sec31p homolog
UniProt Protein Name	Protein transport protein Sec31A
UniProt Gene Name	SEC31A
UniProt Synonym Gene Names	KIAA0905; SEC31L1
UniProt Entry Name	SC31A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.