

Rabbit SEC5/EXOC2 Polyclonal Antibody | anti-SEC5 antibody

SEC5/EXOC2 Antibody

CATALOG # AAA322870	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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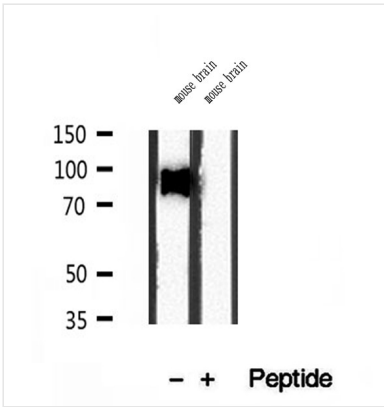
PRODUCT SYNONYMS

SEC5/EXOC2; Polyclonal Antibody; SEC5/EXOC2 Antibody; EXOC2; EXOC2_HUMAN; Exocyst complex component 2; Exocyst complex component Sec5; FLJ11026; SEC5; SEC5 like 1; SEC5L1; Sec5p; anti-SEC5 antibody

PRODUCT SPECIFICATIONS

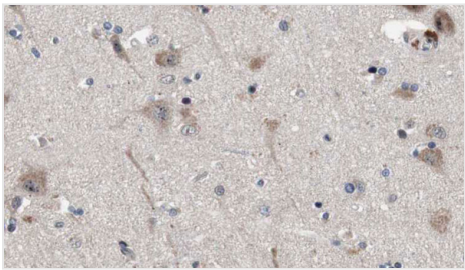
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SEC5/EXOC2 antibody detects endogenous levels of SEC5/EXOC2.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	924
Applicable Applications for anti-SEC5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SEC5/EXOC2.
Tissue Specificity	Widely expressed with highest levels in brain and placenta.
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Zebrafish (100%), Bovine (92%), Sheep (100%), Rabbit (92%), Dog (100%), Chicken (100%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



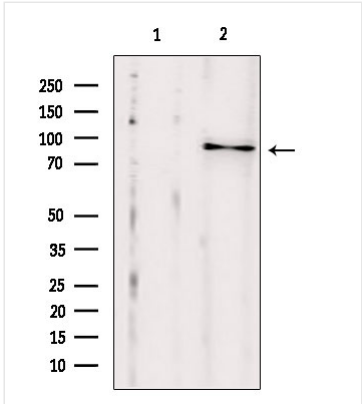
WB (Western Blot)

Western blot analysis of extracts of mouse brain tissue, using SEC5/EXOC2 antibody.



IHC (Immunohistochemistry)

AAA322870 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)

Western blot analysis of extracts from HepG2, using SEC5/EXOC2 antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SEC5 antibody	Function: Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. Subunit Structure: The exocyst complex is composed of EXOC1, EXOC2, EXOC3, EXOC4, EXOC5, EXOC6, EXOC7 and EXOC8 (By similarity). Interacts with EXOC3L1 (By similarity). Interacts with GNEFR/DELGEF; this interaction occurs only in the presence of magnesium or manganese and is stimulated by dCTP or GTP (PubMed:12459492). Interacts with RALA and RALB (PubMed:18756269, PubMed:19166349). Similarity: Interacts with RALA through the TIG domain. Belongs to the SEC5 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21361625
NCBI GeneID	55770
NCBI Accession #	NP_060773.3
NCBI GenBank Nucleotide #	NM_018303.5
UniProt Accession #	Q96KP1; Q5JPC8; Q96AN6; Q9NUZ8; Q9UJM7; B2RBE6
Molecular Weight	Observed: 95-100 kDa Predicted: 105 kDa
NCBI Official Full Name	exocyst complex component 2
NCBI Official Synonym Full Names	exocyst complex component 2

NCBI Official Symbol	EXOC2
NCBI Official Synonym Symbols	SEC5; Sec5p; SEC5L1
NCBI Protein Information	exocyst complex component 2
UniProt Protein Name	Exocyst complex component 2
UniProt Gene Name	EXOC2
UniProt Synonym Gene Names	SEC5; SEC5L1

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/sec5-exoc2-antibody-immunohistochemistry-western-blot-elisa/322870>