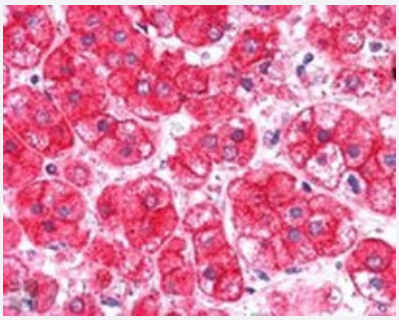
EXOC7 polyclonal antibody

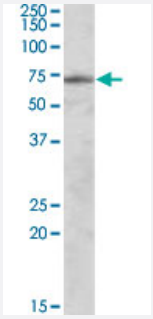
Catalog # PAB7019 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

EXOC7 polyclonal antibody (Cat # PAB7019, 0.5 ug/mL) staining of paraffin embedded human pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western Blot (Tissue lysate)

EXOC7 polyclonal antibody (Cat # PAB7019) (0.5 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of EXOC7.
Immunogen	A synthetic peptide corresponding to human EXOC7.
Sequence	C-DNIKNDPDKEYN
Host	Goat
Theoretical MW (kDa)	78.1, 74.7
Reactivity	Human

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Specificity	This antibody is expected to recognize both reported isoforms (NP_001013861.1 and NP_0560.34.2).
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:16000) Western blot (0.5-1.5 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (5-10 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  EXOC7 polyclonal antibody (Cat # PAB7019, 0.5 ug/mL) staining of paraffin embedded human pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

- Enzyme-linked Immunoabsorbent Assay

- Western Blot (Tissue lysate)

  EXOC7 polyclonal antibody (Cat # PAB7019) (0.5 ug/mL) staining of human lung lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Gene Info — EXOC7

Entrez GeneID	23265
Protein Accession#	NP_001013861.1;NP_0560.34.2
Gene Name	EXOC7
Gene Alias	2-5-3p, DKFZp686J04253, EX070, EXO70, EXOC1, Exo70p, FLJ40965, FLJ46415, YJL085W

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Gene Description	exocyst complex component 7
Omim ID	608163
Gene Ontology	Hyperlink
Gene Summary	EXOC7 is a component of the exocyst, which is an evolutionarily conserved octameric protein co mplex essential for exocytosis. The exocyst targets secretory vesicles at specific domains of the p lasma membrane for cell surface expansion and protein secretion (Zuo et al., 2006 [PubMed 170 86175]).[supplied by OMIM
Other Designations	-

Publication Reference

- Interaction of BIG2, a brefeldin A-inhibited guanine nucleotide-exchange protein, with exocyst protein Exo70.

  Xu KF, Shen X, Li H, Pacheco-Rodriguez G, Moss J, Vaughan M.

  PNAS 2005 Feb; 102(8):2784.

  Application: IF, WB-Ce, Human, HepG2 cells

Pathway

- Insulin signaling pathway

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