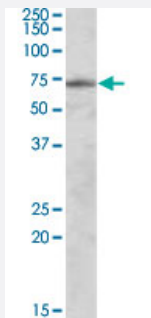


# EXOC7 polyclonal antibody

Catalog # PAB7019

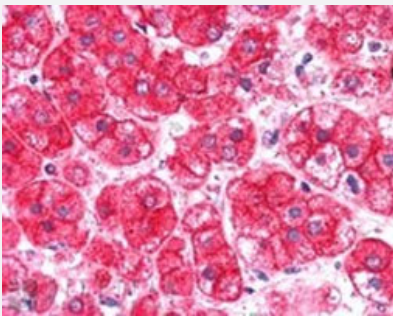
Size 100 ug

## Applications



### 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.



### 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.

## 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

<b>Specificity</b>	This antibody is expected to recognize both reported isoforms (NP_001013861.1 and NP_0560.34.2).
<b>Form</b>	Liquid
<b>Purification</b>	Antigen affinity purification
<b>Concentration</b>	0.5 mg/mL
<b>Quality Control Testing</b>	Antibody Reactive Against Synthetic Peptide.
<b>Recommend Usage</b>	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.
<b>Storage Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

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- Enzyme-linked Immunoabsorbent Assay

## Gene Info — EXOC7

<b>Entrez GeneID</b>	<a href="#">23265</a>
<b>Protein Accession#</b>	<a href="#">NP_001013861.1;NP_0560.34.2</a>
<b>Gene Name</b>	EXOC7
<b>Gene Alias</b>	2-5-3p, DKFZp686J04253, EX070, EXO70, EXOC1, Exo70p, FLJ40965, FLJ46415, YJL085W

Gene Description	exocyst complex component 7
Omim ID	<a href="#">608163</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	EXOC7 is a component of the exocyst, which is an evolutionarily conserved octameric protein complex essential for exocytosis. The exocyst targets secretory vesicles at specific domains of the plasma membrane for cell surface expansion and protein secretion (Zuo et al., 2006 [PubMed 17086175]).[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](#)