Polyclonal Antibody to EXOC7 - Aff - Purified

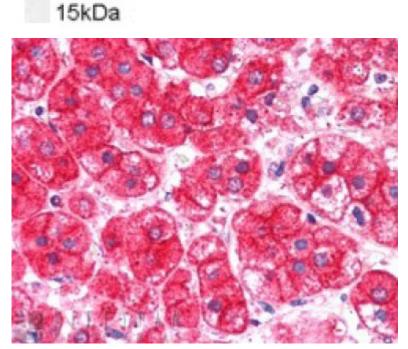|	
Alternate names:	EXO70, Exocyst complex component 7, Exocyst complex component Exo70, KIAA1067
Catalog No.:	AP16759PU-N
Quantity:	0.1 mg
Concentration:	0,5 mg/ml
Background:	EXOC7 is a component of the exocyst complex, which is an octameric protein complex essential for exocytosis. The exocyst complex is involved in the docking of secretory vesicles with fusion sites on the plasma membrane. In adipocytes it plays a crucial role in targeting SLC2A4 containing vesicles to the plasma membrane in response to insulin.
Uniprot ID:	Q9UPT5
NCBI:	NP_001013861.1
GeneID:	23265
Host:	Goat
Immunogen:	Peptide with sequence C-DNIKNDPDKEYN, from the internal region of the protein sequence
Format:	**State:** Liquid purified Ig **Purification:** Affinity chromatography **Buffer System:** Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin
Applications:	Peptide ELISA: 1/16000. Western Blot: 0.5 - 1.5 µg/ml. Immunohistochemistry on paraffin sections: 5 - 10 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to EXOC7.
Species Reactivity:	**Tested:** Human. **Expected from sequence similarity:** Mouse, Rat.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General References:	Xu KF, Shen X, Li H, Pacheco-Rodriguez G, Moss J, Vaughan M. Interaction of BIG2, a brefeldin A-inhibited guanine nucleotide-exchange protein, with exocyst protein Exo70. Proc Natl Acad Sci U S A. 2005 Feb 22;102(8):2784-9. Epub 2005 Feb 10. PMID: 15705715

Pictures:

Antibody (0.5µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Antibody (0.5µg/ml) staining of paraffin embedded Human Pancreas. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.