

EXOC7 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55664

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9UPT5
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	83382

Additional Information

Gene ID	23265
Other Names	Exocyst complex component 7, Exocyst complex component Exo70, EXOC7, EXO70, KIAA1067
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EXOC7
Synonyms	EXO70, KIAA1067
Function	Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. In adipocytes, plays a crucial role in targeting SLC2A4 vesicle to the plasma membrane in response to insulin, perhaps directing the vesicle to the precise site of fusion (By similarity). It is required for neuron survival and plays an essential role in cortical development (By similarity).
Cellular Location	Cytoplasm, cytosol {ECO:0000250 UniProtKB:O35250}. Cell membrane {ECO:0000250 UniProtKB:O35250}; Peripheral membrane protein. Midbody, Midbody ring Note=Translocates, as a preformed complex with EXOC3/SEC6 and EXOC4/SEC8, to the plasma membrane in response to insulin through the activation of ARHQ (By similarity). Colocalizes with CNTRL/centriolin at the midbody ring (PubMed:16213214). {ECO:0000250 UniProtKB:O35250, ECO:0000269 PubMed:16213214}

Tissue Location

Abundant in the ventricular zone, the outer subventricular zone and the cortical plate of the fetal cortex

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.