

EXOC1 Polyclonal Antibody

Catalog number: 11690-1-AP

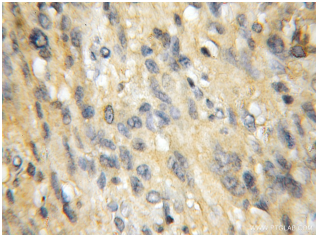
Size: 38 µg/150 µl

Source: Rabbit

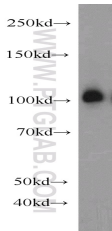
Isotype: IgG

Synonyms:

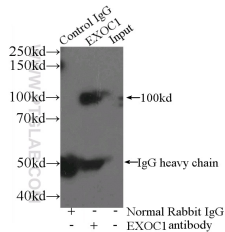
EXOC1; BM 102, EXOC1,
exocyst complex component 1,
Exocyst complex component
Sec3, FLJ10893, SEC3, SEC3L1,
SEC3P



Immunohistochemical of paraffin-embedded human gliomas using 11690-1-AP(EXOC1 antibody) at dilution of 1:50 (under 10x lens)



rat brain tissue were subjected to SDS PAGE followed by western blot with 11690-1-AP(EXOC1 antibody) at dilution of 1:1000



IP Result of anti-EXOC1 (IP:11690-1-AP, 3µg; Detection:11690-1-AP 1:1000) with mouse brain tissue lysate 3600µg.

Background

EXOC1 (exocyst complex component 1), also known as SEC3, is a component of the exocyst complex which is essential for the targeting of exocytic vesicles to specific docking sites on the plasma membrane. The exocyst complex is an octameric complex that tethers vesicles at the plasma membrane, regulates polarized exocytosis, and recruits membranes and proteins required for nanotube formation. Recently it has been reported that exocyst complex proteins are likely a key effector of Nef-mediated enhancement of nanotube formation, and possibly microvesicle secretion, which suggests a new paradigm of exocyst involvement in polarized targeting for intercellular transfer of viral proteins and viruses.

Applications

Tested applications:	ELISA, IHC, WB, IP
Cited applications:	IF, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human, mouse
Calculated EXOC1 MW:	894aa, 102 kDa
Observed EXOC1 MW:	102 kDa
Positive WB detected in	Rat brain tissue, human brain tissue, mouse brain tissue
Positive IP detected in	Mouse brain tissue
Positive IHC detected in	Human gliomas tissue
Recommended dilution:	WB: 1:500-1:5000 IP: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2303
GenBank accession number:	BC020650
Gene ID (NCBI):	55763
Full name:	Exocyst complex component 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.