

For Research Use Only

EXOC1 Recombinant antibody, PBS Only

Catalog Number: 84007-5-PBS



Basic Information

Catalog Number: 84007-5-PBS	GenBank Accession Number: BC020650	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 55763	CloneNo.: 241058D6
Source: Rabbit	UNIPROT ID: Q9NV70	
Isotype: IgG	Full Name: exocyst complex component 1	
Immunogen Catalog Number: AG2303	Calculated MW: 894 aa, 102 kDa	
	Observed MW: 102 kDa	

Applications

Tested Applications:
WB, IHC, IF-P, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

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.

Storage

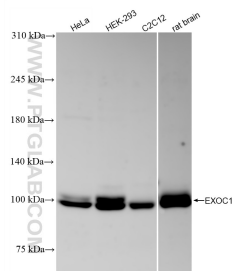
Storage:
Store at -80°C.

Storage Buffer:
PBS only

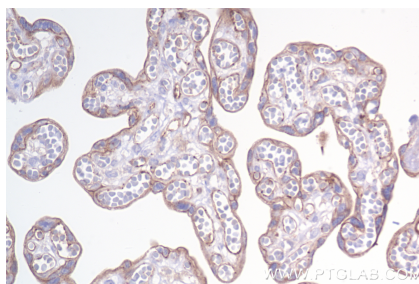
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

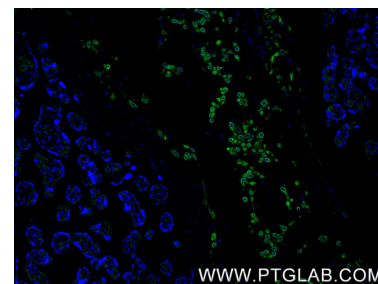
Selected Validation Data



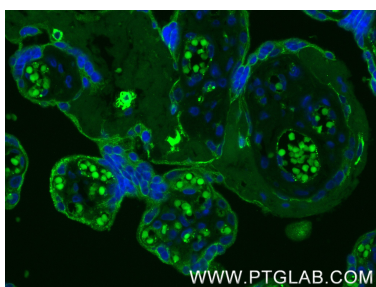
Various lysates were subjected to SDS PAGE followed by western blot with 84007-5-RR (EXOC1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84007-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 84007-5-RR (EXOC1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84007-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using EXOC1 antibody (84007-5-RR, Clone: 241058D6) at dilution of 1:600 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84007-5-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded human placenta tissue using EXOC1 antibody (84007-5-RR, Clone: 241058D6) at dilution of 1:600 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 84007-5-PBS in a different storage buffer formulation.