

EXOC2 Polyclonal Antibody

Catalog No: #31481



Package Size: #31481-1 50ul #31481-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

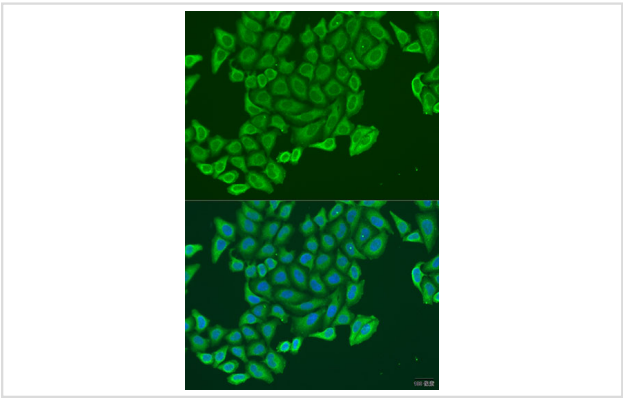
Description

Product Name	EXOC2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human EXOC2 (NP_060773.3).
Other Names	EXOC2; SEC5; SEC5L1; Sec5p; exocyst complex component 2
Accession No.	Swiss-Prot#:Q96KP1NCBI Gene ID:55770
Uniprot	Q96KP1
GeneID	55770;
Calculated MW	108kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

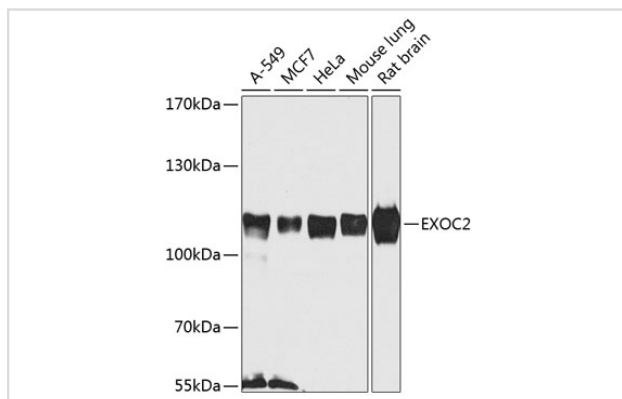
Application Details

WB 1:500 - 1:2000IF 1:50 - 1:200

Images



Immunofluorescence analysis of U2OS cells using EXOC2 at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using EXOC2 at 1:1000 dilution.

Background

The protein encoded by this gene is a component of the exocyst complex, a multi-protein complex essential for the polarized targeting of exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and the functions of the exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. This interaction has been shown to mediate filopodia formation in fibroblasts. This protein has been shown to interact with the Ral subfamily of GTPases and thereby mediate exocytosis by tethering vesicles to the plasma membrane. Alternative splicing results in multiple transcript variants.

Note: This product is for in vitro research use only