

Datasheet for ABIN7264281

**anti-EXOC2 antibody****2** Images[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	EXOC2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant fusion protein of human EXOC2 (NP_060773.3).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	EXOC2
Alternative Name:	EXOC2 ( <a href="#">EXOC2 Products</a> )
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

## Target Details

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.

Molecular Weight: Observed\_MW: 108 kDa  
Calculated\_MW: 104 kDa

Gene ID: 55770

UniProt: [Q96KP1](#)

Pathways: [Peptide Hormone Metabolism](#), [Regulation of Actin Filament Polymerization](#), [Synaptic Vesicle Exocytosis](#)

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

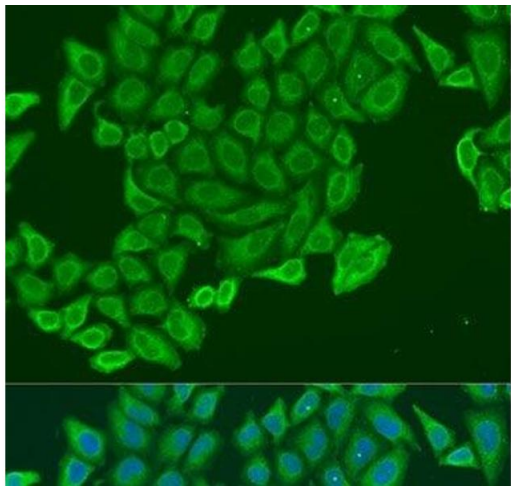
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

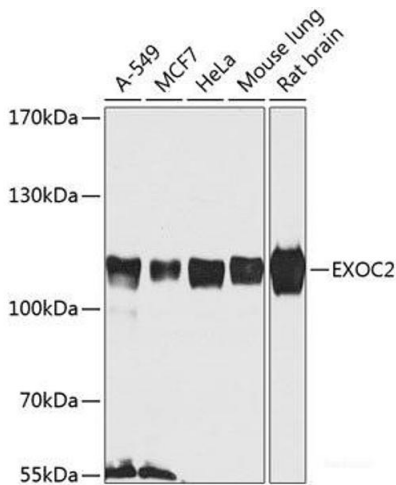
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

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



Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines using EXOC2 Polyclonal Antibody at dilution of 1:1000.