

Datasheet for ABIN2787382  
**anti-EXOC1 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	EXOC1
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Rabbit, Horse, Cow, Dog, Zebrafish (Danio rerio), Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human EXOC1
Sequence:	NCFLCATVTT ERPVQVKVVK VKKSDKGDFY KRQIAWALRD LAVVDAKDAI
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against EXOC1. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	EXOC1
Alternative Name:	EXOC1 ( <a href="#">EXOC1 Products</a> )

## Target Details

Background:	<p>The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and 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. Alternatively spliced transcript variants encoding distinct isoforms have been described.</p> <p>Alias Symbols: BM-102, FLJ10893, SEC3, SEC3L1, SEC3P</p> <p>Protein Interaction Partner: ATG14, RB1CC1, KIAA0226, EXOC4, IQCB1, UBD, UBC, KANSL1, SFR1, TRIM9, CEP295, NUF2, COLEC12, CCDC88A, SYBU, KIAA1551, CCDC93, CCSER2, LUC7L2, DISC1, TRAF3IP1, MACF1, SRGAP2, KDM1A, SH3BP5, TRIO, SPTAN1, KIF5A, GOLGA4, CDC5L, DST, RALA,</p> <p>Protein Size: 894</p>
Molecular Weight:	98 kDa
Gene ID:	55763
NCBI Accession:	<a href="#">NM_018261</a> , <a href="#">NP_060731</a>
UniProt:	<a href="#">Q9NV70</a>
Pathways:	<a href="#">Peptide Hormone Metabolism</a> , <a href="#">Synaptic Vesicle Exocytosis</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 894 AA
Restrictions:	For Research Use only

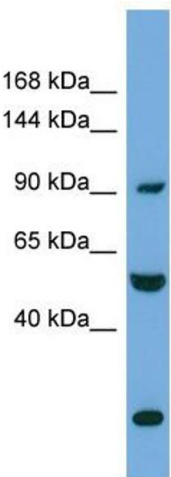
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



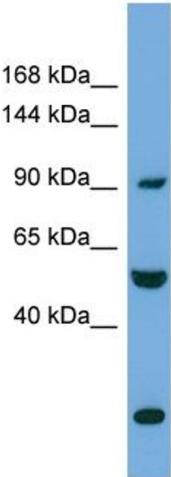
Western Blotting

**Image 1. WB Suggested Anti-EXOC1 Antibody Titration:**

0.2-1 ug/ml

**ELISA Titer:** 1:1562500

**Positive Control:** Hela cell lysate



Rabbit Anti-EXOC1 Antibody  
Catalog Number: ARP57769  
Lot Number: QC29648  
Lane: Hela Cell Lysate

Antibody Titration: 1.0µg/ml  
Gel Concentration: 6-18%

Western Blotting

**Image 2.** WB Suggested Anti-EXOC1

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500

Positive Control: Hela cell lysate