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Datasheet for ABIN6943338  
**anti-EXOC1 antibody (AA 701-800) (Cy3)**

### Overview

Quantity:	100 µL
Target:	EXOC1
Binding Specificity:	AA 701-800
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC1 antibody is conjugated to Cy3
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human EXOC1
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Sheep,Pig,Horse
Purification:	Purified by Protein A.

### Target Details

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

## Target Details

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**Background:** Synonyms: BM-012, exoc1, EXOC1\_HUMAN, Exocyst complex component 1, Exocyst complex component Sec3, FLJ10893, SEC3, SEC3 like 1, SEC3L1, SEC3P.

Background: Exocytosis is crucial in membrane trafficking and it mediates hormone and neurotransmitter secretion out of the cell, as well as the incorporation of membrane proteins and lipids to the plasma membrane. It is crucial for cell-cell communication, cell growth and cell polarity. The exocyst complex is a multi-protein complex that consists of Sec3, Sec5, Sec6, Sec8, Sec10, Sec15, Exo70 and Exo84, and is essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Exo70, also known as EXOC7 (exocyst complex component 7), EXOC1 or 2-5-3p, is a 735 amino acid peripheral membrane protein that is a component of the exocyst complex. Localized to the cytoplasm and the cell membrane, Exo70 plays an essential role in the docking of exocystic vesicles to target sites on the plasma membrane and, specifically, may be involved in insulin-induced protein docking within the cell. Four isoforms of Exo70 are expressed due to alternative splicing events.

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**Gene ID:** 55763

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**UniProt:** [Q9NV70](#)

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**Pathways:** [Peptide Hormone Metabolism](#), [Synaptic Vesicle Exocytosis](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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## Handling

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months