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Datasheet for ABIN7450227 **anti-EXOC5 antibody (AA 658-708)**

Overview

Quantity:	100 µg
Target:	EXOC5
Binding Specificity:	AA 658-708
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-EXOC5 Antibody, Affinity Purified
Immunogen:	Between AA 658 and 708
Isotype:	IgG
Predicted Reactivity:	Rat
Purification:	Affinity Purified

Target Details

Target:	EXOC5
Alternative Name:	EXOC5 (EXOC5 Products)
Background:	Background: EXOC5 is a component of the exocyst complex, a multiple protein complex

Target Details

essential for targeting exocytic vesicles to specific docking sites on the plasma membrane.

Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including EXOC5, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of epithelial cell surface polarity [taken from NCBI Entrez Gene (Gene ID: 10640)].

Gene ID: 10640

UniProt: [O00471](#)

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

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months