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Datasheet for ABIN7452524

anti-Mahogunin RING Finger Protein 1 antibody (AA 505-555)

Overview

Quantity:	100 µg
Target:	Mahogunin RING Finger Protein 1 (MGRN1)
Binding Specificity:	AA 505-555
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Mahogunin RING Finger Protein 1 antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MGRN1 Antibody, Affinity Purified
Immunogen:	between AA 505 and 555
Isotype:	IgG
Predicted Reactivity:	Gorilla, Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	Mahogunin RING Finger Protein 1 (MGRN1)
Alternative Name:	MGRN1 (MGRN1 Products)
Background:	Background: MGRN1 (mahogunin RING finger protein 1) is an E3 ubiquitin-protein ligase that

Target Details

mediates monoubiquitination at multiple sites of TSG101 in the presence of UBE2D1, but not of UBE2G1, nor UBE2H. MGRN1 plays a role in the regulation of endosome-to-lysosome trafficking. It impairs MC1R- and MC4R-signaling by competing with GNAS-binding to MCRs and inhibiting agonist-induced cAMP production but does not promote MC1R ubiquitination [taken from the Universal Protein Resource (UniProt) O60291].

Gene ID: 23295

NCBI Accession: [NP_001135761](#)

UniProt: [O60291](#)

Pathways: [Regulation of G-Protein Coupled Receptor Protein Signaling](#)

Application Details

Application Notes: IP: 2 - 5 µg/mg lysate
WB: Not recommended

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