

Datasheet for ABIN264918

anti-MAGI3 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	0.25 mg
Target:	MAGI3
Reactivity:	Human
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This MAGI3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein corresponding to PDZ domain 4-5 of MAGI-3.
Isotype:	IgG
Specificity:	This antibody reacts to M A G I - 3 , P D Z 4 - 5 .
Purification:	Purified

Target Details

Target:	MAGI3
Alternative Name:	MAGI3 (MAGI3 Products)
Background:	Membrane-associated guanylate kinase with inverted orientation (MAGI3) is a novel, 130 kDa guanylate kinase which is part of a family of multi-PDZ domain containing guanylate kinases. These guanylate kinases are localized to epithelial cell tight junctions. MAGI3 and PTEN/MMAC cooperate to modulate the kinase activity of AKT/protein kinase B (PKB). MAGI3 positions the

Target Details

PTEN/MMAC phosphatase to specific subcellular locations that are involved with the regulation of cell proliferation and survival. MAGI3, as well as other proteins in this family, are made up of an N-terminal guanylate kinase domain, followed by a WW domain, named for two conserved tryptophan residues and first identified as two repeats in mouse YAP65, which is then followed by 6 PDZ domains. Synonyms: MAGI-3, Membrane-associated guanylate kinase, Membrane-associated guanylate kinase inverted 3, WW and PDZ domain-containing protein 3

Gene ID:	260425
NCBI Accession:	NP_001136254
UniProt:	Q5TCQ9

Application Details

Application Notes:	Western Blot: 1 - 10 µg/mL. Detects a 130 kDa band in cells transfected with full-lengthMAGI-3 protein. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Buffer:	Phosphate buffered saline with 0.08 % 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.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	The antibody can be shipped at ambient temperature. Store (in aliquots) at -20 °C only.

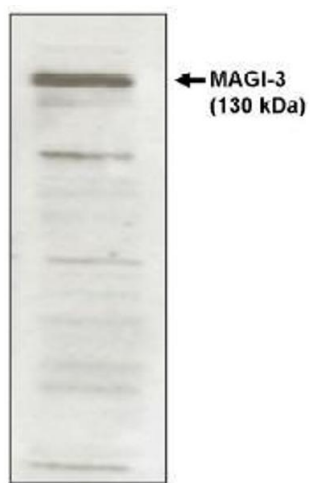


Image 1.