



MAGI3 rabbit pAb

Catalog No	YP-Ab-09086
Isotype	IgG
Reactivity	Human; Mouse; Rat
Applications	WB
Gene Name	MAGI3 KIAA1634
Immunogen	Synthesized peptide derived from human MAGI3 AA range: 927-977
Specificity	This antibody detects endogenous levels of MAGI3 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit, IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	KIAA1634; MAGI-3; Membrane-associated guanylate kinase inverted 3; Membrane-associated guanylate kinase; WW and PDZ domain-containing protein 3; MAGI3; MAGI3 KIAA1634
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cell membrane; Peripheral membrane protein. Cell junction, tight junction. Nucleus . Concentrates in specific sites at the plasma membrane and in the nucleus. In epithelial cells, it localizes at tight junctions (By similarity).
Tissue Specificity	Widely expressed.
Function	function: Acts as a scaffolding protein at cell-cell junctions, thereby regulating various cellular and signaling processes. Cooperates with PTEN to modulate the kinase activity of AKT1. Its interaction with PTPRB and tyrosine phosphorylated proteins suggests that it may link receptor tyrosine phosphatase with its substrates at the plasma membrane. In polarized epithelial cells, involved in efficient trafficking of TGFA to the cell surface. Regulates the ability of LPAR2 to activate ERK and RhoA pathways. Regulates the JNK signaling cascade via its interaction with FZD4 and VANGL2., miscellaneous: MAGI3 PDZ domains are used to design peptide ligands that bind and inhibit PDZ domains.,



PTM: Ubiquitinated following interaction with HPV E6 protein, leading to its degradation by the proteasome. Degradation is independent of E6AP ubiquitin ligase complex., sequence caution: Translation N-terminally

Background

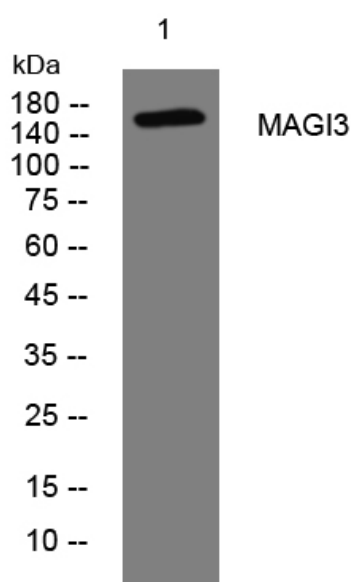
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from KB cells, primary antibody was diluted at 1:1000, 4° over night