

Rabbit MAGT1 Polyclonal Antibody | anti-MAGT1 antibody

MAGT1 Antibody (N-term)

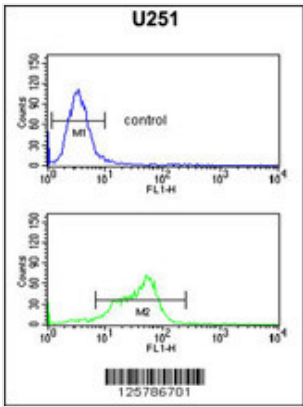
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285204	Rabbit	Human, mouse (Predicted Reactivity: Chicken)	Western Blot, ELISA, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

MAGT1; Polyclonal Antibody; MAGT1 Antibody (N-term); Magnesium transporter protein 1; MagT1; Implantation-associated protein; IAP; IAG2; anti-MAGT1 antibody

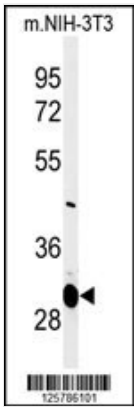
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Chicken)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 44-71 amino acids from the N-terminal region of human MAGT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	44-71
Sequence Length	134
Applicable Applications for anti-MAGT1 antibody	WB (Western Blot), ELISA, FCM/FACS (Flow Cytometry)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)

MAGT1 Antibody (N-term) flow cytometric analysis of U251 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)

Western blot analysis of MAGT1 Antibody (N-term) in mouse NIH-3T3 cell line lysates (35ug/lane). MAGT1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGT1 antibody	MAGT1 encodes a magnesium cation transporter protein that localizes to the cell membrane. This protein also associates with N-oligosaccharyl transferase and therefore may have a role in N-glycosylation. Mutations in this gene cause mental retardation X-linked type 95 (MRX95). This gene may have multiple in-frame translation initiation sites, one of which would encode a shorter protein with an N-terminus containing a signal peptide at amino acids 1-29.
References	Zhou, H., et al. Proc. Natl. Acad. Sci. U.S.A. 106(37):15750-15755(2009) Molinari, F., et al. Am. J. Hum. Genet. 82(5):1150-1157(2008) Shibatani, T., et al. Biochemistry 44(16):5982-5992(2005)

NCBI AND UNIPROT INFORMATION

NCBI GI #	215983058
NCBI GeneID	84061
NCBI Accession #	NP_115497.4
NCBI GenBank Nucleotide #	NM_032121.5
UniProt Accession #	Q9H0U3; Q53G00; Q6P577; Q8NBN6; B2RAR4; D3DTE3
Molecular Weight	38037
NCBI Official Full Name	magnesium transporter protein 1
NCBI Official Synonym Full Names	magnesium transporter 1
NCBI Official Symbol	MAGT1
NCBI Official Synonym Symbols	IAP; XMEN; MRX95; OST3B; PRO0756; bA217H1.1
NCBI Protein Information	magnesium transporter protein 1
UniProt Protein Name	Magnesium transporter protein 1
UniProt Gene Name	MAGT1
UniProt Synonym Gene Names	IAG2; MagT1; IAP
UniProt Entry Name	MAGT1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/magt1-antibody-western-blot-flow-cytometry-elisa/285204>