

Rabbit MAGD2 Polyclonal Antibody | anti-MAGD2 antibody

MAGD2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322703	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

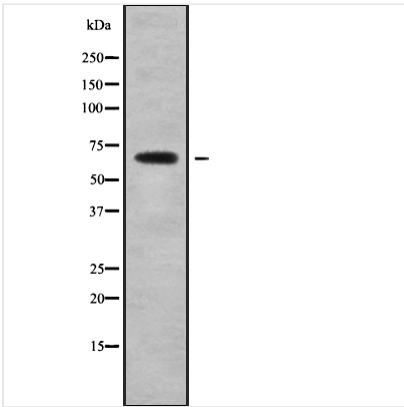
PRODUCT SYNONYMS

MAGD2; Polyclonal Antibody; MAGD2 Antibody; BCG 1; HCA10; JCL 1; MAGE D; MAGE D2 antigen; Melanoma antigen family D 2; Melanoma associated antigen D2; anti-MAGD2 antibody

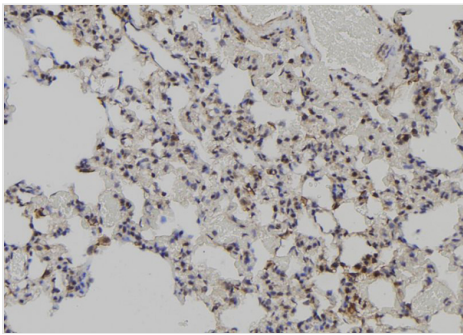
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	MAGD2 antibody detects endogenous levels of total MAGD2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	606
Applicable Applications for anti-MAGD2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human MAGD2
Subcellular Location	Cytoplasmic
Tissue Specificity	Widely expressed. In the developing and adult kidney, expressed in the thick ascending limb of the loop of Henle and the distal convoluted tubules outside the loop.
Predicted Cross Reactivity	Horse, Rabbit, Dog
Similarity	Horse (83%), Rabbit (83%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of MAGD2 using HepG2 whole cell lysates



IHC (Immunohistochemistry)
AAA322703 at 1/100 staining Rat lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGD2 antibody	Function: Regulates the expression, localization to the plasma membrane and function of the sodium chloride cotransporters SLC12A1 and SLC12A3, two key components of salt reabsorption in the distal renal tubule. Subunit Structure: Interacts with GNAS. May interact with DNAJB1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19387846
NCBI GeneID	10916
NCBI Accession #	NP_055414.2
NCBI GenBank Nucleotide #	NM_014599.5
UniProt Accession #	Q9UNF1; O76058; Q5BJF3; Q8NAL6; Q9H218; Q9P0U9; Q9UM52; A6NMX0
Molecular Weight	Observed: 65 kDa Predicted: 65 kDa
NCBI Official Full Name	melanoma-associated antigen D2
NCBI Official Synonym Full Names	MAGE family member D2
NCBI Official Symbol	MAGED2
NCBI Official Synonym Symbols	11B6; BCG1; BCG-1; HCA10; BARTS5; MAGE-D2
NCBI Protein Information	melanoma-associated antigen D2
UniProt Protein Name	Melanoma-associated antigen D2
UniProt Gene Name	MAGED2
UniProt Synonym Gene Names	BCG1; BCG-1

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.