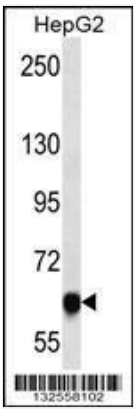
MAGED4B Antibody – Rabbit Polyclonal

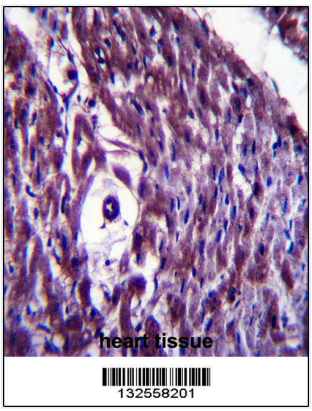
PRODUCT OVERVIEW

Product Name	MAGED4B, Polyclonal Antibody
Full Product Name	MAGED4B, ID (MAGED4, KIAA1859, MAGED4A, MAGEE1, Melanoma-associated antigen D4, MAGE-D4 antigen, MAGE-E1 antigen)
Product Gene Name	anti-MAGED4B antibody
Product Synonym Names	Anti -MAGED4B, ID (MAGED4, KIAA1859, MAGED4A, MAGEE1, Melanoma-associated antigen D4, MAGE-D4 antigen, MAGE-E1 antigen)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Human
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	81,378 Da
Chromosome Location	Chromosome: X; NC_000023.10 (51804923..51812368, complement). Location: Xp11
OMIM	300702
3D Structure	ModBase 3D Structure for Q96JG8
Immunogen	MAGED4B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 327-357 amino acids from the Central region of human MAGED4B.
Product Categories/Family for anti-MAGED4B antibody	Antibodies; Abs to Cancer Markers
Applications Tested/Suitable for anti-MAGED4B antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-MAGED4B antibody	Suitable for use in Western Blot, Immunohistochemistry, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500 Immunohistochemistry: 1:10-50
Related Product Information for anti-MAGED4B antibody	This gene is a member of the MAGED gene family. It is expressed only in brain and ovary among normal tissues, and two transcript variants of this gene are specifically expressed in glioma cells among cancer cells. This gene and the other MAGED genes are clustered on chromosome Xp11. Multiple alternatively spliced transcript variants have been found for this gene, however, the full-length nature of some variants has not been defined.
Other Notes	Small volumes of anti-MAGED4B antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for MAGED4B purchase	MBS6002790 is an antibody targeting MAGED4B. Also known as MAGED4B, ID (MAGED4, KIAA1859, MAGED4A, MAGEE1, Melanoma-associated antigen D4, MAGE-D4 antigen, MAGE-E1 antigen). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-MAGED4B antibody
MAGED4B Antibody (Center) western blot analysis in HepG2 cell line lysates (35ug/lane).This demonstrates the MAGED4B antibody detected the MAGED4B protein (arrow).



Immunohistochemistry (IHC) of anti-MAGED4B antibody
MAGED4B Antibody (Center) immunohistochemistry analysis in formalin fixed and paraffin embedded human heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of MAGED4B Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAGED4B. It may not necessarily be applicable to this product.

NCBI GI #	334358866
NCBI GeneID	81557
NCBI Accession #	NP_001229291.1
UniProt Primary Accession #	Q96JG8
UniProt Secondary Accession #	Q5HYN6; Q8WXW4; Q9BQ84; Q9BVH1; Q9BYH3; Q9BYH4; Q9H217; A8K093
UniProt Related Accession #	Q96JG8
GenBank Nucleotide #	NM_001242362.1
NCBI Official Full Name	melanoma-associated antigen D4 isoform 3
NCBI Official Synonym Full Names	melanoma antigen family D, 4B
NCBI Official Symbol	MAGED4B
UniProt Protein Name	Melanoma-associated antigen D4
UniProt Synonym Protein Names	MAGE-D4 antigen; MAGE-E1 antigen
UniProt Gene Name	MAGED4
UniProt Synonym Gene Names	KIAA1859; MAGED4A; MAGEE1
UniProt Entry Name	MAGD4_HUMAN
NCBI Protein Information	melanoma-associated antigen D4; MAGE-D4 antigen; MAGE-E1 antigen
NCBI Summary for MAGED4B	This gene is a member of the MAGED gene family. It is expressed only in brain and ovary, and some transcript variants of this gene are specifically expressed in glioma cells. This gene is clustered with other MAGED genes on chromosome Xp11. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, May 2011]

UniProt Comments for MAGED4B	MAGE-D4B: May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. 4 isoforms of the human protein are produced by alternative splicing. Chromosomal Location of Human Ortholog: Xp11
Research Articles on MAGED4B	**1.** Our data suggest that MAGED4B over-expression is a driver in oral carcinogenesis
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