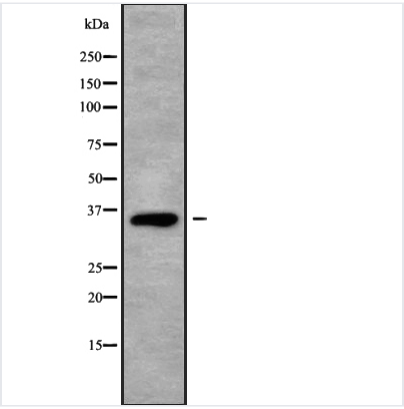
MAGA3 Antibody

PRODUCT OVERVIEW

Product Name	MAGA3, Antibody
Full Product Name	MAGA3 Antibody
Product Gene Name	anti-MAGA3 antibody
Molecular Weight	34,747 Da
OMIM	300174
3D Structure	ModBase 3D Structure for P43357
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-MAGA3 antibody	MBS8513308 is an antibody targeting MAGA3. Also known as MAGA3 Antibody.
Other Notes	Small volumes of anti-MAGA3 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.



Western Blot (WB) of anti-MAGA3 antibody
Western blot analysis MAGA3 using HeLa whole cell lysates

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MAGA3. It may not necessarily be applicable to this product.

NCBI GI #	4885467
NCBI GeneID	4102
NCBI Accession #	NP_005353.1
UniProt Primary Accession #	P43357
UniProt Secondary Accession #	Q6FHI6
UniProt Related Accession #	P43357
GenBank Nucleotide #	NM_005362.3
NCBI Official Full Name	melanoma-associated antigen 3

NCBI Official Synonym Full Names	MAGE family member A3
NCBI Official Symbol	MAGEA3
NCBI Official Synonym Symbols	HIP8; HYPD; CT1.3; MAGE3; MAGEA6
UniProt Protein Name	Melanoma-associated antigen 3
UniProt Synonym Protein Names	Antigen MZ2-D; Cancer/testis antigen 1.3; CT1.3; MAGE-3 antigen
UniProt Gene Name	MAGEA3
UniProt Synonym Gene Names	MAGE3; CT1.3
NCBI Protein Information	melanoma-associated antigen 3
NCBI Summary for MAGA3	This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq, Jul 2008]
UniProt Comments for MAGA3	Proposed to enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. May play a role in embryonal development and tumor transformation or aspects of tumor progression. In vitro promotes cell viability in melanoma cell lines. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.
Research Articles on MAGA3	**1.** rapid drop (>50%) in blood level within 4 weeks of melanoma treatment associated with long-term response to therapy
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