

Rabbit anti-Human MAGEA2 Polyclonal Antibody | anti-MAGEA2 antibody

MAGEA2 Antibody (N-term)

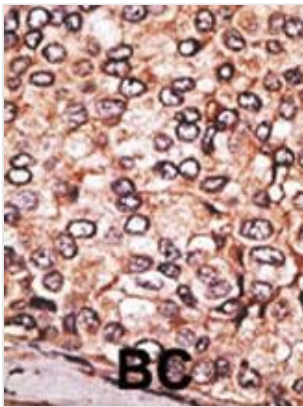
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285574	Rabbit	Human	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

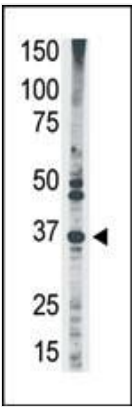
MAGEA2; Polyclonal Antibody; MAGEA2 Antibody (N-term); Melanoma-associated antigen 2; Cancer/testis antigen 12; CT12; MAGE-2 antigen; MAGE2; MAGEA2A; anti-MAGEA2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MAGEA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 81-108 amino acids from the N-terminal region of human MAGEA2.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	81-108
Sequence Length	314
Applicable Applications for anti-MAGEA2 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
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.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
The anti-MAGEA2 N-term Antibody is used in Western blot to detect MAGEA2 in HL60 lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MAGEA2 antibody	MAGEA2 is a member of the MAGEA gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 80% sequence identity between 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 expressed at a high level in a number of tumors of various histologic types, and are silent in normal tissues with the exception of testis and placenta. The MAGEA genes are clustered on chromosome Xq28. They may be implicated in some hereditary disorders, such as dyskeratosis congenita. This gene has two identical copies at different loci.
Product Categories/Family for anti-MAGEA2 antibody	Cancer
References	Rogner, U.C., et al., Genomics 29(3):725-731 (1995). De Smet, C., et al., Immunogenetics 39(2):121-129 (1994). De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994). van der Bruggen, P., et al., Science 254(5038):1643-1647 (1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885465
NCBI GeneID	4101
NCBI Accession #	NP_005352.1; NP_705692.1; NP_786884.1; NP_786885.1
NCBI GenBank Nucleotide #	NM_005361.3
UniProt Accession #	P43356; Q32NC6; A8K328
Molecular Weight	35055
NCBI Official Full Name	melanoma-associated antigen 2
NCBI Official Synonym Full Names	melanoma antigen family A2
NCBI Official Symbol	MAGEA2
NCBI Official Synonym Symbols	CT1.2; MAGE2; MAGEA2A
NCBI Protein Information	melanoma-associated antigen 2
UniProt Protein Name	Melanoma-associated antigen 2

UniProt Gene Name	MAGEA2
UniProt Synonym Gene Names	MAGE2; MAGEA2A; CT1.2
UniProt Entry Name	MAGA2_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/magea2-antibody-immunohistochemistry-western-blot-elisa/285574>