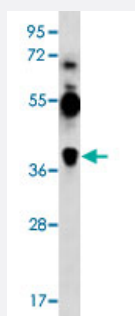


MAGEA12 polyclonal antibody

Catalog # PAB4743

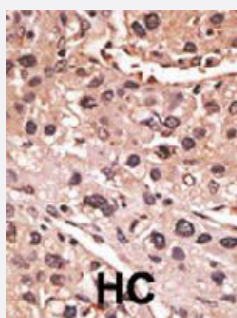
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate (35 ug/lane) with MAGEA12 polyclonal antibody (Cat # PAB4743).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human hepatocellular carcinoma tissue reacted with MAGEA12 polyclonal antibody (Cat # PAB4743), 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. HC = hepatocarcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MAGEA12.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of human MAGEA12.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of K-562 cell lysate (35 ug/lane) with MAGEA12 polyclonal antibody (Cat # PAB4743).

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- Enzyme-linked Immunoabsorbent Assay

Gene Info — MAGEA12

Entrez GeneID	4111
Protein Accession#	NP_005358
Gene Name	MAGEA12
Gene Alias	MAGE12
Gene Description	melanoma antigen family A, 12
Omim ID	300177
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

OTTHUMP00000024231

Publication Reference

- [Contrary melanoma-associated antigen-A expression at the tumor front and center: A comparative analysis of stage I and IV head and neck squamous cell carcinoma.](#)

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Application: IHC-P, Human, Human oral squamous cell carcinoma

- [Comparative genome sequence analysis of the Bpa/Str region in mouse and Man.](#)

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Genome Research 2000 Jun; 10(6):758.

- [The melanoma antigen gene \(MAGE\) family is clustered in the chromosomal band Xq28.](#)

Rogner UC, Wilke K, Steck E, Korn B, Poustka A.

Genomics 1995 Oct; 29(3):725.

- [Cloning and analysis of MAGE-1-related genes.](#)

Ding M, Beck RJ, Keller CJ, Fenton RG.

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