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MAGEH1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP6180a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q9H213
Other Accession	Q9NWG9
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB2129
Calculated MW	24441
Antigen Region	186-218

Additional Information

Gene ID	28986
Other Names	Melanoma-associated antigen H1, Apoptosis-related protein 1, APR-1, MAGE-H1 antigen, Restin, MAGEH1, APR1
Target/Specificity	This MAGEH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 186-218 amino acids from the C-terminal region of human MAGEH1.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	MAGEH1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	MAGEH1
Synonyms	APR1

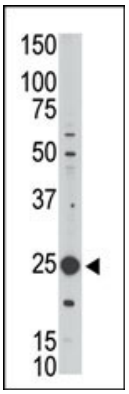
Background

Melanoma-associated antigen (MAGE) are completely silent in normal tissues, with the exception of male germ cells, and, for some of them, placenta. These antigens ought to be strictly tumor specific, expressed in tumor cells of various histological types. Because of their specific expression on tumor cells, these antigens are of particular interest for antitumor immunotherapy. Genes of the MAGE family direct the expression of tumor antigens that are recognized on a human melanoma by autologous cytolytic T lymphocytes. Though the function of MAGEH1 is not fully elucidated, it may play a role in embryonal development and tumor transformation or aspects of tumor progression.

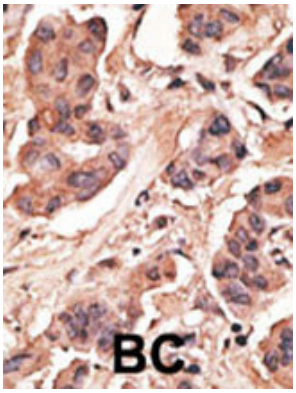
References

Chomez, P., et al., Cancer Res. 61(14):5544-5551 (2001).
Zhu, F., et al., BioTechniques 29(2):310-313 (2000).

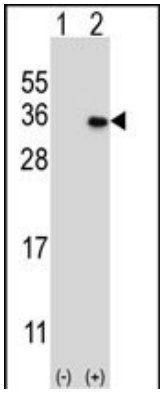
Images



The anti-MAGEH1 Pab (Cat. #AP6180a) is used in Western blot to detect MAGEH1 in Jurkat cell lysate.



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



Western blot analysis of MAGEH1 (arrow) using rabbit polyclonal MAGEH1 Antibody (D201) (Cat. #AP6180a). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the MAGEH1 gene.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.