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MAGEA10 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP6160a

Specification

MAGEA10 Antibody (C-term) - Product Information

Application	**WB, IHC-P,E**
Primary Accession	P43363
Other Accession	NP_066386
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit Ig**
Calculated MW	**40780**
Antigen Region	**324-353**

MAGEA10 Antibody (C-term) - Additional Information

Gene ID 4109

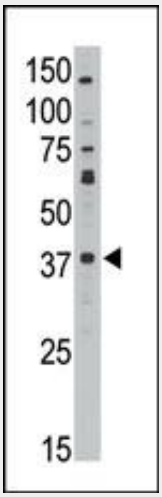
Other Names
Melanoma-associated antigen 10, Cancer/testis antigen 110, CT110, MAGE-10 antigen, MAGEA10, MAGE10

Target/Specificity
This MAGEA10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 324-353 amino acids from the C-terminal region of human MAGEA10.

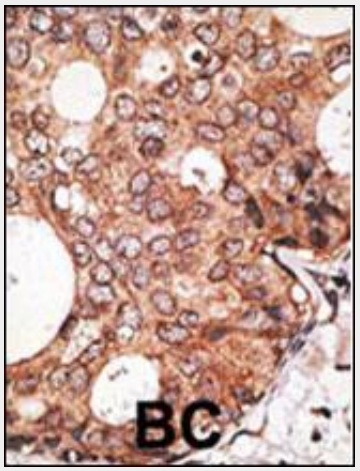
Dilution
WB~~1:1000
IHC-P~~1:50~100

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.



The anti-MAGEA10 C-term Antibody (Cat.#AP6160a) is used in Western blot to detect MAGEA10 in HL60 lysate.



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.

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Precautions
MAGEA10 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

MAGEA10 Antibody (C-term) - Protein Information

Name MAGEA10

Synonyms MAGE10

Function
Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression.

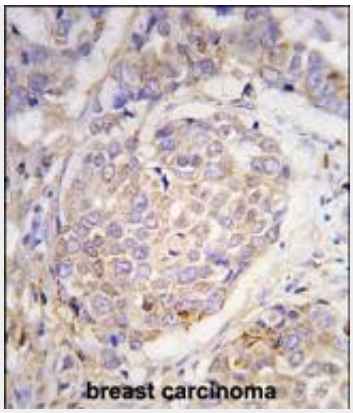
Cellular Location
Nucleus.

Tissue Location
Expressed in many tumors of several types, such as melanoma, head and neck squamous cell carcinoma, lung carcinoma and breast carcinoma, but not in normal tissues except for spermatogonia, spermatocytes and placenta.

MAGEA10 Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with MAGEA10 antibody (C-term) (Cat.#AP6160a), 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.

MAGEA10 Antibody (C-term) - Background

MAGEA10 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.

MAGEA10 Antibody (C-term) - References

Rogner, U.C., et al., Genomics 29(3):725-731 (1995).
De Plaen, E., et al., Immunogenetics 40(5):360-369 (1994).