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MAGEA10 Rabbit pAb

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Catalog # AP58519

Product Information

Application	WB
Primary Accession	P43363
Reactivity	Rat, Human, Mouse
Predicted	Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40780
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAGEA10
Epitope Specificity	241-340/369
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the downstream melanoma antigen family A, 5 (MAGEA5) gene.[provided by RefSeq, Oct 2011].

Additional Information

Gene ID	4109
Other Names	Melanoma-associated antigen 10, Cancer/testis antigen 1.10, CT1.10, MAGE-10 antigen, MAGEA10, MAGE10
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

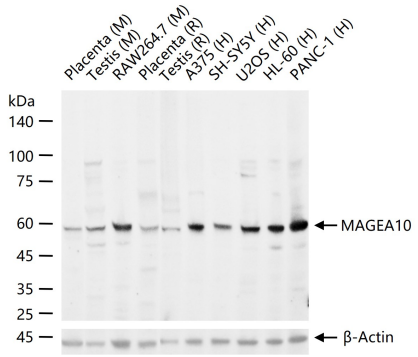
Protein Information

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.

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Images



25 ug total protein per lane of various lysates (see on figure) probed with MAGEA10 polyclonal antibody, unconjugated (AP58519) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

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