10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MAGEA5 Rabbit pAb

Catalog # AP98469

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P43359
Other Accession	P43359
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13016
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MAGEA5
Epitope Specificity	41-124/124
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 MAGE domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	MAGEA5 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. This MAGEA gene encodes a protein that is C-terminally truncated compared to other family members, and this gene can be alternatively interpreted to be a pseudogene.

Additional Information

Other Names	CT1.5; MAGE5; MAGEA4; MAGEA5; MAGEA10-MAGEA5; MAGEA5P; MAGA5_HUMAN; Cancer/testis antigen 1.5 (CT1.5); MAGE family member A5 pseudogene; MAGE-5 antigen;
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	MAGEA5P (HGNC:6803)

Function	May negatively regulates apoptosis.
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 testes

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