Product Name: MAGE-A5 Rabbit Polyclonal Antibody
Catalog #: APRab13593

Summary

Production Name	MAGE-A5 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Rat,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MAGEA5
Alternative Names	MAGEA5; MAGE5; Melanoma-associated antigen 5; Cancer/testis antigen 1.5; CT1.5; MAGE-5 antigen
Gene ID	4104.0
SwissProt ID	P43359.The antiserum was produced against synthesized peptide derived from human MAGEA5. AA range:68-117

Application

Dilution Ratio	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.
Molecular Weight	36kD

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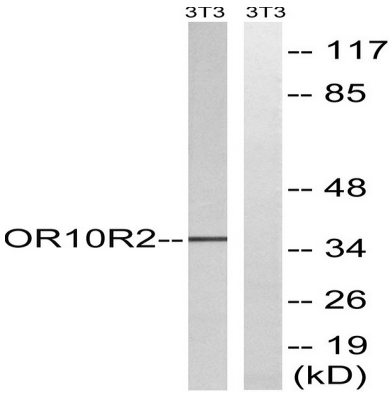
Background

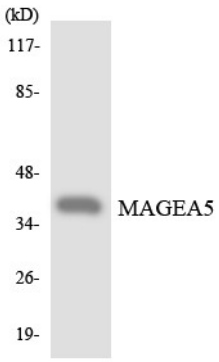
This gene is a member of the MAGEA gene family. The members of this family encode proteins with 50 to 80% sequence identity to each other. The promoters and first exons of the MAGEA genes show considerable variability, suggesting that the existence of this gene family enables the same function to be 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. 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. The protein is represented in this Gene record in accordance with the assumed protein-coding status defined in the literature. Read-through transcription exists between this gene and the upstream melanoma antigen family A, 10 (MAGEA10) gene. [prfunction:Not known, though may play a role tumor transformation or progression.,similarity:Contains 1 MAGE domain.,tissue specificity: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.,

Research Area

Image Data



Western blot analysis of lysates from NIH/3T3 cells, using MAGEA5 Antibody. The lane on the right is blocked with the synthesized peptide.



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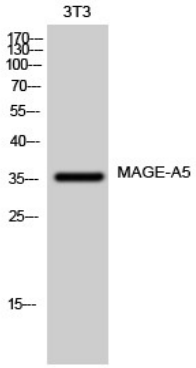
Western blot analysis of the lysates from K562 cells using MAGEA5 antibody.



Western Blot analysis of 3T3 cells using MAGE-A5 Polyclonal Antibody

Note

For research use only.