



MAGE-A5 Polyclonal Antibody

Catalog No	YP-Ab-00436
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	MAGEA5
Immunogen	The antiserum was produced against synthesized peptide derived from human MAGEA5. AA range:68-117
Specificity	MAGE-A5 Polyclonal Antibody detects endogenous levels of MAGE-A5 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MAGE-A5;MAGEA5;Melanoma-associated antigen 5;MAGE5;Cancer/testis antigen 1.5;CT1.5;MAGE-5 antigen
Observed Band	36kD
Calculated Molecular Weight	36kD
Cell Pathway	
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.
Function	function: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.,
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. [pr

matters needing attention

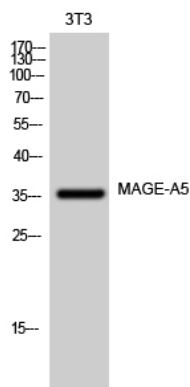
Avoid repeated freezing and thawing!

Usage suggestions

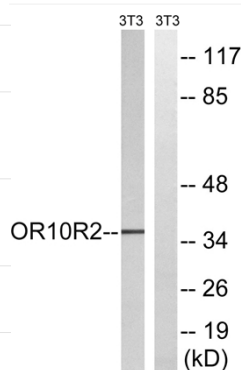
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



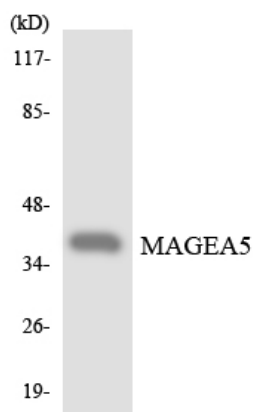
Products Images



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



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



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