



# MAGE-A5 rabbit pAb

Cat No.:ES6165

For research use only

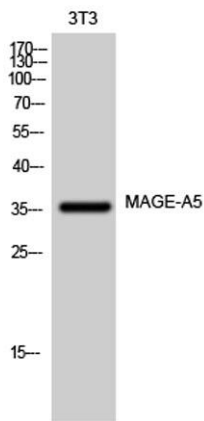
## Overview

<b>Product Name</b>	MAGE-A5 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human MAGEA5. AA range:68-117
<b>Specificity</b>	MAGE-A5 Polyclonal Antibody detects endogenous levels of MAGE-A5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Melanoma-associated antigen 5
<b>Gene Name</b>	MAGEA5
<b>Cellular localization</b>	
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	4104
<b>Human Swiss-Prot Number</b>	P43359
<b>Alternative Names</b>	MAGEA5; MAGE5; Melanoma-associated antigen 5; Cancer/testis antigen 1.5; CT1.5; MAGE-5 antigen
<b>Background</b>	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

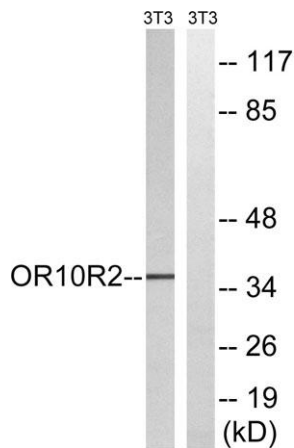




function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. This MAGEA gene encodes a protein that is C-terminally truncated compared to other family 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



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

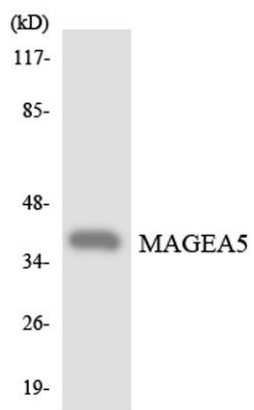


Western blot analysis of lysates from NIH/3T3 cells, using MAGEA5 Antibody. The lane on the right is blocked with the synthesized peptide.





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



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