

# MAGEA6 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57182

## Product Information

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<b>Application</b>	IHC-P, IHC-F, IF, ICC, E
<b>Primary Accession</b>	<a href="#">P43360</a>
<b>Reactivity</b>	Cynomolgus
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	34891
<b>Physical State</b>	Liquid
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human MAGEA6
<b>Epitope Specificity</b>	231-314/314
<b>Isotype</b>	IgG
<b>Purity</b>	affinity purified by Protein A
<b>Buffer</b>	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
<b>SIMILARITY</b>	Contains 1 MAGE domain.
<b>Important Note</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>Background Descriptions</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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]

## Additional Information

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<b>Gene ID</b>	4105
<b>Other Names</b>	Melanoma-associated antigen 6, Cancer/testis antigen 1.6, CT1.6, MAGE-6 antigen, MAGE3B antigen, MAGEA6, MAGE6
<b>Target/Specificity</b>	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.
<b>Dilution</b>	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
<b>Format</b>	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
<b>Storage</b>	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

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<b>Name</b>	MAGEA6 {ECO:0000303   PubMed:31267705, ECO:0000312   HGNC:HGNC:6804}
<b>Function</b>	Activator of ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases that acts as a repressor of autophagy (PubMed: <a href="#">17942928</a> , PubMed: <a href="#">20864041</a> , PubMed: <a href="#">31267705</a> ). May enhance ubiquitin ligase activity of TRIM28 and stimulate p53/TP53 ubiquitination by TRIM28. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex (PubMed: <a href="#">17942928</a> , PubMed: <a href="#">20864041</a> ). May play a role in tumor transformation or aspects of tumor progression (PubMed: <a href="#">17942928</a> , PubMed: <a href="#">20864041</a> ). In vitro promotes cell viability in melanoma cell lines (PubMed: <a href="#">17942928</a> ).
<b>Tissue Location</b>	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'.