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

MAGEA6 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51889

Product Information

Application	WB
Primary Accession	P43360
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34891

Additional Information

Gene ID	4105
Other Names	Melanoma-associated antigen 6, Cancer/testis antigen 16, CT16, MAGE-6 antigen, MAGE3B antigen, MAGEA6, MAGE6
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MAGEA6. The exact sequence is proprietary.
Dilution	WB~~1:1000
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	MAGEA6 {ECO:0000303|PubMed:31267705, ECO:0000312|HGNC:HGNC:6804}
Function	Activator of ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases that acts as a repressor of autophagy (PubMed:17942928, PubMed:20864041, PubMed:31267705). 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:17942928, PubMed:20864041). May play a role in tumor transformation or aspects of tumor progression (PubMed:17942928, PubMed:20864041). In vitro promotes cell viability in melanoma cell lines (PubMed:17942928).
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

Background

Proposed to enhance ubiquitin ligase activity of RING- type zinc finger-containing E3 ubiquitin-protein ligases. 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. May play a role in tumor transformation or aspects of tumor progression. In vitro promotes cell viability in melanoma cell lines.

References

De Plaen E.,et al.Immunogenetics 40:360-369(1994).
Ding M.,et al.Biochem. Biophys. Res. Commun. 202:549-555(1994).
Imai Y.,et al.Gene 160:287-290(1995).
Mastutik G.,et al.Submitted (SEP-2007) to the EMBL/GenBank/DDBJ databases.
Bechtel S.,et al.BMC Genomics 8:399-399(2007).