

AP07957PU-N**Polyclonal Antibody to MAGE-6 (229-243) - Purified**

Alternate names:	Cancer/testis antigen 1.6, MAGE 6, MAGE6, MAGEA6, Melanoma-associated antigen 6
Quantity:	50 µg
Concentration:	1 mg/ml
Background:	<p>MAGEA6 is a member of the MAGEA gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 80% sequence identity between 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 expressed at a high level in a number of tumors of various histologic types, and are silent in normal tissues with the exception of testis and placenta. The MAGEA genes are clustered on chromosome Xq28. They may be implicated in some hereditary disorders, such as dyskeratosis congenita.</p> <p>MAGE6 is expressed in a variety of cancer cell lines, but among normal tissues only in testis.</p>
Uniprot ID:	P43360
NCBI:	NP_005354.1
GeneID:	4105
Host:	Rabbit
Immunogen:	Synthetic Peptide corresponding to Amino acids 229 to 243 of Human MAGEA6
Format:	State: Liquid purified IgG fraction Purification: Protein G Chromatography Buffer System: Phosphate Buffered Saline PBS containing 0.09% Sodium Azide as preservative
Applications:	ELISA: 1/1000. Immunohistochemistry on Paraffin Sections: 20 µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises MAGEA6 at aa 229-243.
Species Reactivity:	Tested: Human
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid cycles of freezing and thawing. Shelf life: One year from despatch.

Pictures:

Figure 1. Staining MAGEA6 in Testis by Immunohistochemistry using Formalin-Fixed Paraffin-Embedded (FFPE) tissue.

