



MAGE-1 rabbit pAb

Cat No.:ES2740

For research use only

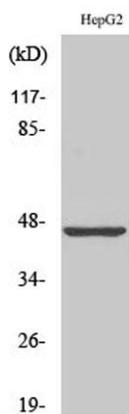
Overview

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|---------------------------------|--|
| Product Name | MAGE-1 rabbit pAb |
| Host species | Rabbit |
| Applications | WB;IHC;IF;ELISA |
| Species Cross-Reactivity | Human;Rat;Mouse; |
| Recommended dilutions | Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. |
| Immunogen | The antiserum was produced against synthesized peptide derived from human MAGE-1. AA range:260-309 |
| Specificity | MAGE-1 Polyclonal Antibody detects endogenous levels of MAGE-1 protein. |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| Protein Name | Melanoma-associated antigen 1 |
| Gene Name | MAGEA1 |
| Cellular localization | Cytoplasm. Nucleus. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Clonality | Polyclonal |
| Concentration | 1 mg/ml |
| Observed band | 34kD |
| Human Gene ID | 4100 |
| Human Swiss-Prot Number | P43355 |
| Alternative Names | MAGEA1; MAGE1; MAGE1A; Melanoma-associated antigen 1; Antigen MZ2-E; Cancer/testis antigen 1.1; CT1.1; MAGE-1 antigen |
| 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 |



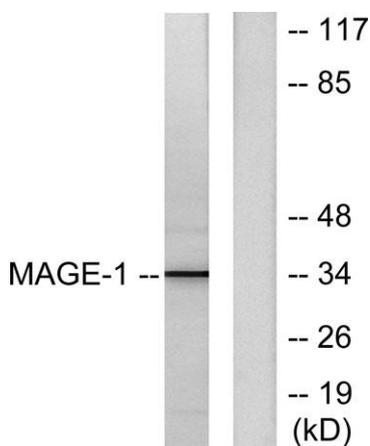
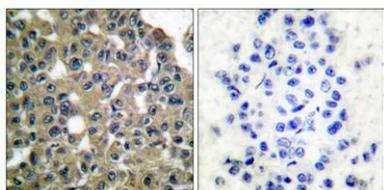


considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. The MAGEA genes are clustered at chromosomal location Xq28. They have been implicated in some hereditary disorders, such as dyskeratosis congenita. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using MAGE-1 Polyclonal Antibody

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue, using MAGE-1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 cells, using MAGE-1 Antibody. The lane on the right is blocked with the synthesized peptide.

