

MAGE-1 Polyclonal Antibody

Catalog No: YT2623

Reactivity: Human; Rat; Mouse;

Applications: WB;IHC;IF;ELISA

Target: MAGE-1

Gene Name: MAGEA1

Protein Name: Melanoma-associated antigen 1

P43355

Human Gene Id: 4100

Human Swiss Prot

No:

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.

Source: Polyclonal, Rabbit, IgG

Dilution : WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 34kD

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],

Function:

function:Not known, though may play a role in embryonal development and tumor transformation or aspects of tumor progression. Antigen recognized on a melanoma by autologous cytolytic T-lymphocytes.,similarity:Contains 1 MAGE domain.,tissue specificity: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. Never expressed in kidney tumors, leukemias and lymphomas.,

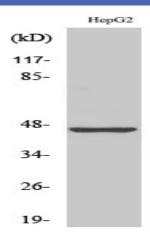
Subcellular Location:

Cytoplasm. Nucleus.

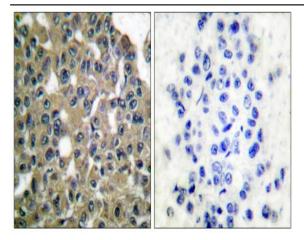
Expression:

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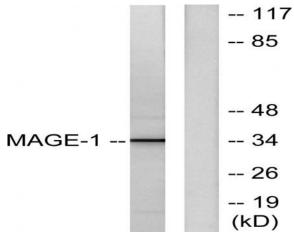
Products Images



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.