

# Anti-MAGEA1 Antibody

Rabbit polyclonal antibody to MAGEA1

Catalog # AP59617

## Product Information

<b>Application</b>	WB, IHC
<b>Primary Accession</b>	<a href="#">P43355</a>
<b>Reactivity</b>	Human, Monkey
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	34342

## Additional Information

<b>Gene ID</b>	4100
<b>Other Names</b>	MAGE1; MAGE1A; Melanoma-associated antigen 1; Antigen MZ2-E; Cancer/testis antigen 1.1; CT1.1; MAGE-1 antigen
<b>Target/Specificity</b>	Recognizes endogenous levels of MAGEA1 protein.
<b>Dilution</b>	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
<b>Format</b>	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
<b>Storage</b>	Store at -20 °C.Stable for 12 months from date of receipt

## Protein Information

<b>Name</b>	MAGEA1
<b>Synonyms</b>	MAGE1, MAGE1A
<b>Function</b>	May be involved in transcriptional regulation through interaction with SNW1 and recruiting histone deacetylase HDAC1. May inhibit notch intracellular domain (NICD) transactivation. 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.
<b>Cellular Location</b>	Cytoplasm. Nucleus.
<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. Never expressed in kidney tumors, leukemias and lymphomas

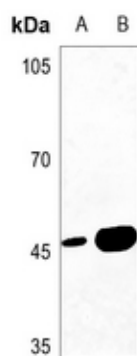
## Background

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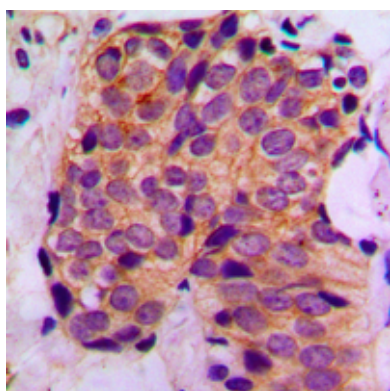
KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MAGEA1. The exact sequence is proprietary.

## Images

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Western blot analysis of MAGEA1 expression in U2OS (A), A375 (B) whole cell lysates.



Immunohistochemical analysis of MAGEA1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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