

Product datasheet

Anti-MAGED1 antibody ab38492

2 Images

Overview

Product name	Anti-MAGED1 antibody
Description	Rabbit polyclonal to MAGED1
Host species	Rabbit
Specificity	This antibody is specific for MAGED1.
Tested applications	Suitable for: IHC-P, WB, ELISA
Species reactivity	Reacts with: Human
Immunogen	A KLH conjugated synthetic peptide (10-30 aa in length) in the region of 466~481 of human MAGED1.
Positive control	A549 lysate and breast carcinoma tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Purification notes	This antibody is purified through a protein G column and eluted out with both high and low pH buffers and neutralized immediately after elution then followed by dialysis against PBS.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab38492** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/50 - 1/100.
WB		1/100 - 1/500. Detects a band of approximately 86 kDa (predicted molecular weight: 86 kDa).
ELISA		1/1000.

Target

Function

Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells. Inhibits cell cycle progression, and facilitates NGFR-mediated apoptosis. May act as a regulator of the function of DLX family members. May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. Plays a role in the circadian rhythm regulation. May act as RORA co-regulator, modulating the expression of core clock genes such as ARNTL/BMAL1 and NFIL3, induced, or NR1D1, repressed.

Tissue specificity

Expressed in bone marrow stromal cells from both multiple myeloma patients and healthy donors. Seems to be ubiquitously expressed.

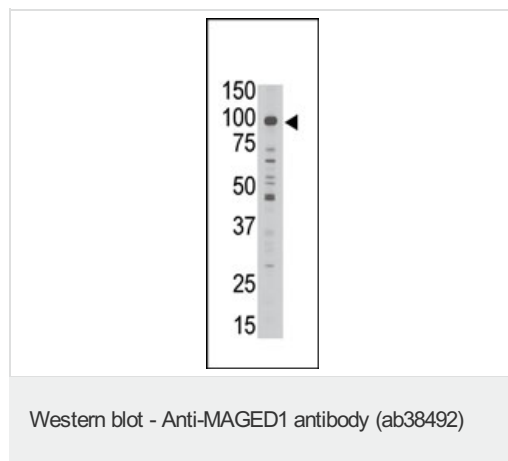
Sequence similarities

Contains 1 MAGE domain.

Cellular localization

Cytoplasm. Cell membrane. Nucleus. Expression shifts from the cytoplasm to the plasma membrane upon stimulation with NGF.

Images

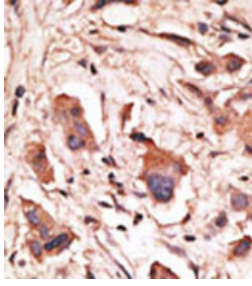


Anti-MAGED1 antibody (ab38492) at 1/100 dilution + A549 lysate

Predicted band size: 86 kDa

Observed band size: 86 kDa

Additional bands at: 30 kDa, 45 kDa, 50 kDa, 55 kDa, 60 kDa, 65 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-MAGED1 antibody (ab38492)

Formalin-fixed and paraffin-embedded human breast cancer tissue reacted with ab38492, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry.

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