Datasheet for ABIN1944790

anti-MAGED1 antibody (AA 20-224)

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Overview

Quantity:	400 µL
Target:	MAGED1
Binding Specificity:	AA 20-224
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MAGED1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This MAGED1 antibody is generated from a mouse immunized with a KLH conjugated synthetic peptide between 20-224 amino acids from the Central region of human MAGED1.
Clone:	1305CT862-157-127
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	MAGED1
Alternative Name:	MAGED1 (MAGED1 Products)
Background:	Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells.

Target Details

	Binds NGFR/p75NTR and antagonizes its association with NTRK1/TrkA, inhibits cell cycle progression, and facilitates NGFR-mediated apoptosis. May act as a regulator of the function of DLX family members. May regulate TP53/p53 transcriptional activity and inhibit cell proliferation. Enhances TP53 phosphorylation and accumulation. 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.
Molecular Weight:	86161
Gene ID:	9500
UniProt:	Q9Y5V3
Pathways:	Neurotrophin Signaling Pathway

Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Publications

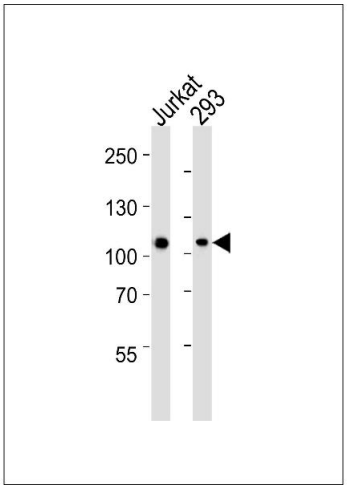
Product cited in:	Li, Wang, Xue, Pritchard, Wang: "Changes in the mitochondrial protein profile due to ROS eruption during ageing of elm (Ulmus pumila L.) seeds." in: **Plant physiology and biochemistry : PPB**, Vol. 114, pp. 72-87, (2017) (PubMed). Hillier, Fulton, Fulton, Graves, Pepin, Wagner-McPherson, Layman, Maas, Jaeger, Walker, Wylie,

Publications

Sekhon, Becker, OLaughlin, Schaller, Fewell, Delehaunty, Miner, Nash, Cordes, Du, Sun, Edwards et al.: "The DNA sequence of human chromosome 7. ..." in: **Nature**, Vol. 424, Issue 6945, pp. 157-64, (2003) (PubMed).

Evans, Scarpulla: "The human somatic cytochrome c gene: two classes of processed pseudogenes demarcate a period of rapid molecular evolution." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 85, Issue 24, pp. 9625-9, (1989) (PubMed).

Images



Western Blotting

Image 1. Western blot analysis of lysates from Jurkat, 293 cell line (from left to right), using GED1 Antibody (Center) (ABIN1944790 and ABIN2838530). (ABIN1944790 and ABIN2838530) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:3000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.