

For Research Use Only

MAGED1 Polyclonal antibody

Catalog Number: 11539-1-AP

1 Publications



Basic Information

Catalog Number: 11539-1-AP	GenBank Accession Number: BC014070	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9500	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	UNIPROT ID: Q9Y5V3	
Isotype: IgG	Full Name: melanoma antigen family D, 1	
Immunogen Catalog Number: AG2109	Calculated MW: 86 kDa; 92 kDa	
	Observed MW: 66 kDa, 92-95 kDa	

Applications

Tested Applications: WB, IHC, FC (Intra), ELISA	Positive Controls: WB : HEK-293 cells, Apoptosed HeLa cells, HeLa cells, human brain tissue IHC : human gliomas tissue,
Cited Applications: WB, IHC, IF, IP	
Species Specificity: human, mouse, rat	
Cited Species: rat	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

MAGED1 (also known as NRAGE or Dlxin-1) is a member of the type II melanoma antigen (MAGE) family of proteins. MAGED1 can interact with the nerve growth factor receptor p75NTR, antagonize the association of p75NTR with TrkA, inhibit cell cycle progression, and facilitate p75NTR-mediated apoptosis (PMID: 10985348). It has been reported that MAGED1 binds Dlx5 and regulates its transcriptional function. In vivo, MAGED1 binds not only Dlx5 but also Dlx7 and Msx2 and forms homomultimers (PMID: 11084035). MAGED1 knockout mice show depressive behavior and impairments of circadian rhythm (PMID: 20300063; 23314527).

Notable Publications

Author	Pubmed ID	Journal	Application
Meng Li	36585447	Sci Rep	WB,IHC,IF,IP

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

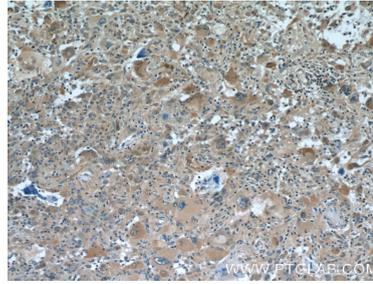
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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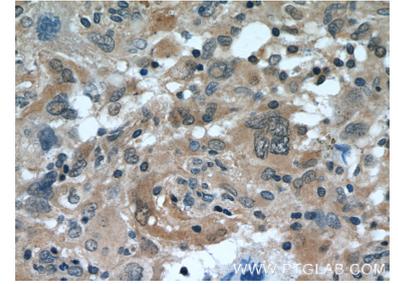
Selected Validation Data



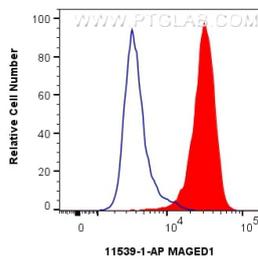
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11539-1-AP (MAGED1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11539-1-AP (MAGED1 Antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 11539-1-AP (MAGED1 Antibody) at dilution of 1:100 (under 40x lens).



1×10^6 HeLa cells were intracellularly stained with 0.25 ug MAGED1 Polyclonal antibody (11539-1-AP) and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).