

Datasheet for ABIN7265323
anti-OAS1 antibody (AA 1-100)



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1 Image

Overview

Quantity:	100 µL
Target:	OAS1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	OAS1 Rabbit pAb
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human OAS1 (NP_002525.2).
Sequence:	MMDLRNTPAK SLDKFIEDYL LPDTCFRMQI NHAIDIICGF LKERCFRGSS YPVCVSKVVK GGSSGKGTTL RGRSDADLVV FLSPLTTFQD QLNRRGEFIQ
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

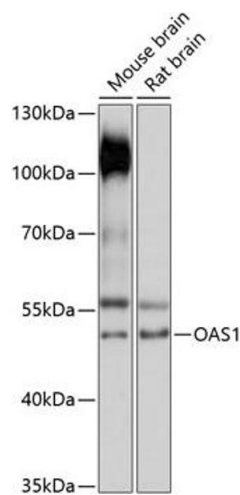
Target:	OAS1
Alternative Name:	OAS1 (OAS1 Products)
Background:	This gene is induced by interferons and encodes a protein that synthesizes 2',5'-oligoadenylates (2-5As). This protein activates latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. Alternative splicing results in multiple transcript variants with different enzymatic activities. Polymorphisms in this gene have been associated with susceptibility to viral infection and diabetes mellitus, type 1. A disease-associated allele in a splice acceptor site influences the production of the p46 splice isoform. This gene is located in a cluster of related genes on chromosome 12.,OAS1,E18/E16,IFI-4,OIAS,OIASI,Epigenetics & Nuclear Signaling,OAS1
Molecular Weight:	41kDa/43kDa/46kDa/47kDa
Gene ID:	4938
UniProt:	P00973
Pathways:	Hepatitis C

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using O antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.