

Rabbit anti-Human OAS1 Polyclonal Antibody | anti-OAS1 antibody

OAS1 antibody - C-terminal region

CATALOG # AAA197111	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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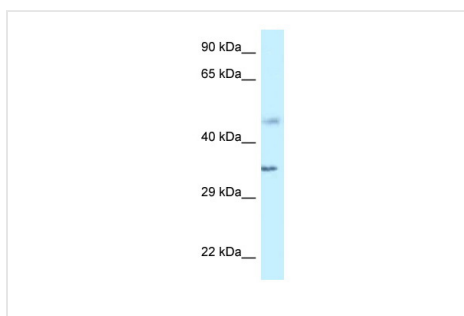
PRODUCT SYNONYMS

OAS1; Polyclonal Antibody; OAS1 antibody - C-terminal region; anti-OAS1 antibody

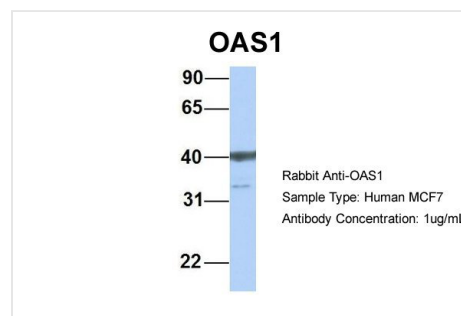
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: EA WLNYPCKNW DGSPVSSWIL LAESNSADDE TDDPRRYQKY GYIGTHEY
Sequence Length	400
Applicable Applications for anti-OAS1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Human: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

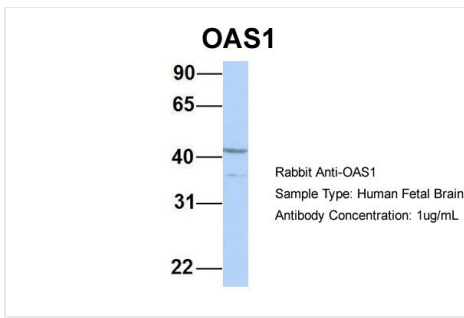
IMAGES


WB (Western Blot)

WB Suggested Anti-OAS1 Antibody Titration: 1 ug/ml Positive Control: HepG2 cell lysate

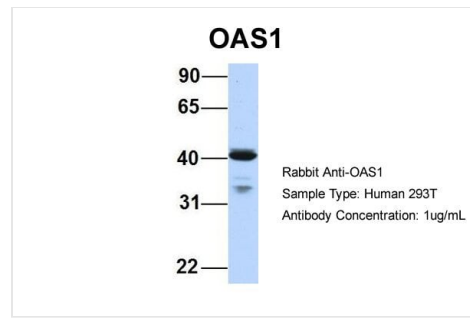

WB (Western Blot)

Host: Rabbit Target Name: OAS1 Sample Type: Human MCF7 Antibody Dilution: 1.0ug/ml. OAS1 is strongly supported by BioGPS gene expression data to be expressed in MCF7



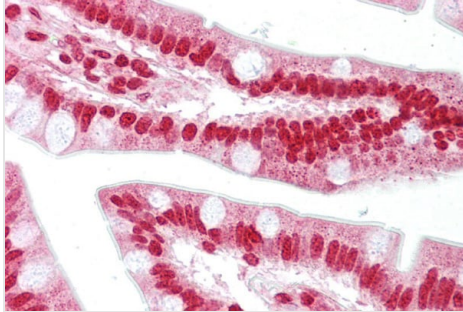
WB (Western Blot)

Host: Rabbit Target Name: OAS1 Sample Type: Human Fetal Brain Antibody Dilution: 1.0 µg/ml



WB (Western Blot)

Host: Rabbit Target Name: OAS1 Sample Type: Human 293T Antibody Dilution: 1.0 µg/ml OAS1 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



IHC (Immunohistochemistry)

Immunohistochemistry with Small intestine tissue at an antibody concentration of 5 µg/ml using anti-OAS1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-OAS1 antibody	This is a rabbit polyclonal antibody against OAS1. It was validated on Western Blot Target Description: OAS1 is a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. It is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. Mutations in this gene have been associated with host susceptibility to viral infection.
Product Categories/Family for anti-OAS1 antibody	Polyclonal; RNA Binding Proteins; Lymphocyte Signaling; Cell Biology; Chromatin & Nuclear Signaling; Immunology; E3 & Ubiquitin; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	74229013
NCBI GeneID	4938
NCBI Accession #	NP_058132
NCBI GenBank Nucleotide #	NM_016816
UniProt Accession #	P00973
Molecular Weight	46kDa
NCBI Official Full Name	2'-5'-oligoadenylate synthase 1 isoform 1
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 1
NCBI Official Symbol	OAS1
NCBI Official Synonym Symbols	OIAS; IFI-4; OIASI; E18/E16

NCBI Protein Information	2'-5'-oligoadenylate synthase 1
UniProt Protein Name	2'-5'-oligoadenylate synthase 1
UniProt Gene Name	OAS1
UniProt Synonym Gene Names	OIAS; (2-5')oligo(A) synthase 1; 2-5A synthase 1
UniProt Entry Name	OAS1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/oas1-antibody-western-blot-immunohistochemistry-elisa/197111>