

Rabbit anti-Human, Mouse OAS2 Polyclonal Antibody | anti-OAS2 antibody

OAS2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301885	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

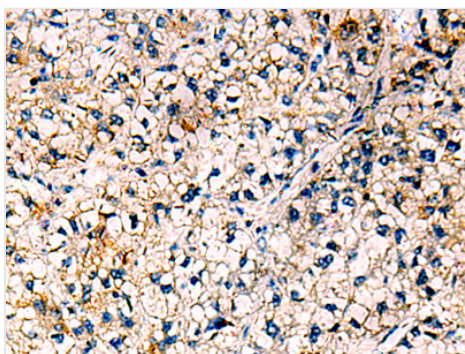
PRODUCT SYNONYMS

OAS2; Polyclonal Antibody; OAS2 Antibody; MGC78578; p69 OAS / p71 OAS; p69OAS / p71OAS; anti-OAS2 antibody

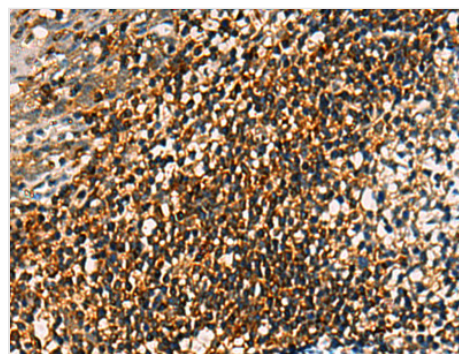
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total OAS2 protein.
Purity/Purification	Antigen affinity purification.
Form/Format	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.9 mg/ml (varies by lot)
Sequence Length	172
Applicable Applications for anti-OAS2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein of human OAS2.
Target Name	OAS2
Preparation and Storage	Store at -20 degree C

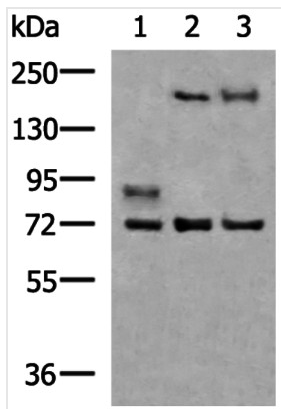
IMAGES


IHC (Immunohistochemisry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using OAS2 Antibody at dilution 1/50.(Original magnification: 200


IHC (Immunohiostchemistry)

The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using OAS2 Antibody at dilution 1/50.(Original magnification: 200



SDS-PAGE

Gel: 6%SDS-PAGE Lysate: 40mg Lane 1-3: A375, RAW264.7, MC3T3-E1 cell lysates Primary antibody: OAS2 Antibody at dilution 1/300 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution Exposure time: 3 minutes

ADDITIONAL INFORMATION

Related Product Information for anti-OAS2 antibody	This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein 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. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described.
Product Categories/Family for anti-OAS2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	74229021
NCBI GeneID	4939
NCBI Accession #	NP_001027903.1
NCBI GenBank Nucleotide #	NM_001032731.1
UniProt Accession #	P29728; Q6PJ33; Q86XX8; A8K9T1
Molecular Weight	SDS-PAGE MW: 82kd
NCBI Official Full Name	2'-5'-oligoadenylate synthase 2 isoform 3
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 2, 69/71kDa
NCBI Official Symbol	OAS2
NCBI Protein Information	2'-5'-oligoadenylate synthase 2
UniProt Protein Name	2'-5'-oligoadenylate synthase 2
UniProt Gene Name	OAS2
UniProt Synonym Gene Names	(2-5')oligo(A) synthase 2; 2-5A synthase 2; p69OAS / p71OAS
UniProt Entry Name	OAS2_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.