

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

OAS2 Polyclonal Antibody

CATALOG # AAA29290	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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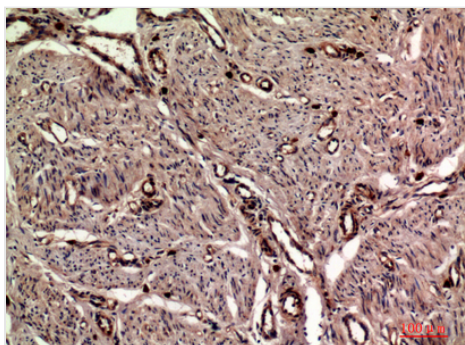
PRODUCT SYNONYMS

OAS2; Polyclonal Antibody; OAS2 Polyclonal Antibody; 2'-5'-oligoadenylate synthase 2; (2-5')oligo (A) synthase 2; 2-5A synthase 2; p69 OAS/p71 OAS; p69OAS/p71OAS; anti-OAS2 antibody

PRODUCT SPECIFICATIONS

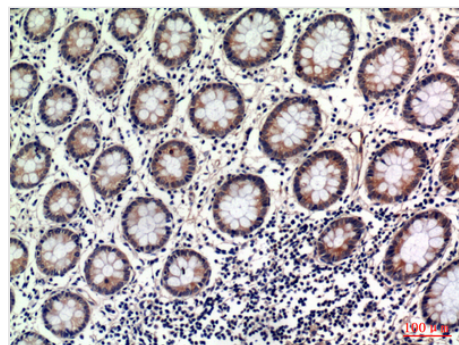
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-OAS2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



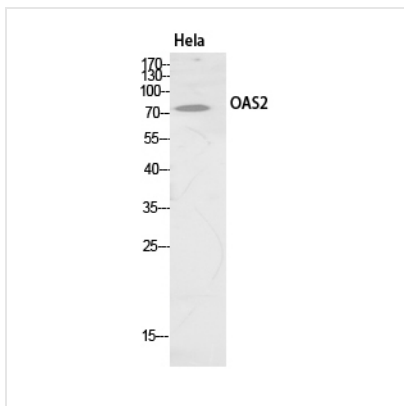
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.



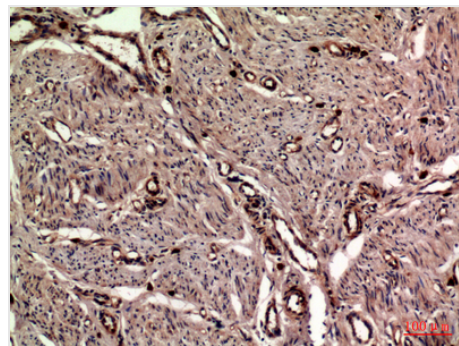
IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.



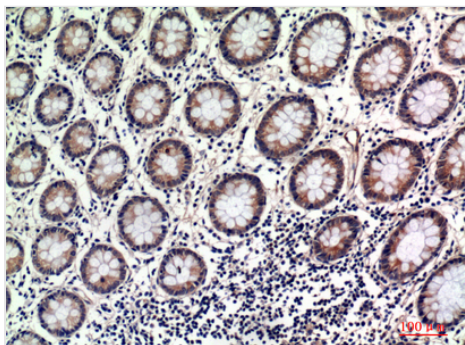
WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.



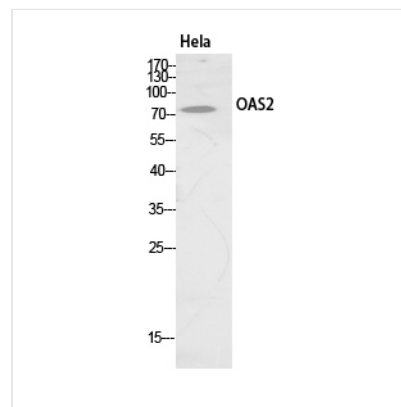
IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.



IHC (Immunohistochemistry-Paraffin)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-OAS2 antibody

Interferon-induced, dsRNA-activated antiviral enzyme which plays a critical role in cellular innate antiviral response (PubMed:9880569). Activated by detection of double stranded RNA (dsRNA): polymerizes higher oligomers of 2'- 5'- oligoadenylates (2-5A) from ATP which then bind to the inactive monomeric form of ribonuclease L (RNASEL) leading to its dimerization and subsequent activation (PubMed:9880569, PubMed:11682059). Activation of RNASEL leads to degradation of cellular as well as viral RNA, resulting in the inhibition of protein synthesis, thus terminating viral replication (PubMed:9880569). Can mediate the antiviral effect via the classical RNASEL-dependent pathway or an alternative antiviral pathway independent of RNASEL (PubMed:21142819). In addition, it may also play a role in other cellular processes such as apoptosis, cell growth, differentiation and gene regulation (PubMed:21142819). May act as a negative regulator of lactation, stopping lactation in virally infected mammary gland lobules, thereby preventing transmission of viruses to neonates (By similarity). Non-infected lobules would not be affected, allowing efficient pup feeding during infection (By similarity).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116242687
NCBI GeneID	4939
UniProt Accession #	P29728; Q6PJ33; Q86XX8; A8K9T1
Molecular Weight	719
NCBI Official Full Name	2'-5'-oligoadenylate synthase 2
NCBI Official Synonym Full Names	2'-5'-oligoadenylate synthetase 2, 69/71kDa

NCBI Official Symbol	OAS2
NCBI Protein Information	2'-5'-oligoadenylate synthase 2; 2-5A synthase 2; p69 OAS / p71 OAS; (2'-5')oligo(A) synthetase 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/oas2-antibody-western-blot-immunohistochemistry-elisa/29290>