

OAS2 rabbit pAb

Cat#: orb767141 (Manual)

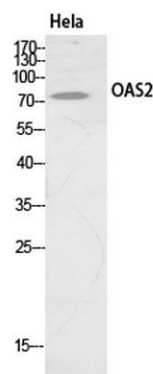
For research use only. Not intended for diagnostic use.

Product Name	OAS2 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human OAS2. AA range:61-110
Specificity	OAS2 Polyclonal Antibody detects endogenous levels of OAS2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	2'-5'-oligoadenylate synthase 2
Gene Name	OAS2
Cellular localization	Cytoplasm . Cytoplasm, perinuclear region .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

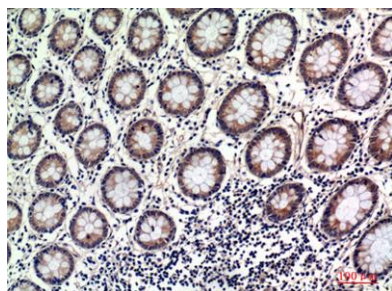
Concentration	1 mg/ml
Observed band	82kD
Human Gene ID	4939
Human Swiss-Prot Number	P29728
Alternative Names	OAS2; 2'-5'-oligoadenylate synthase 2; (2-5')oligo(A) synthase 2; 2-5A synthase 2; p69 OAS / p71 OAS; p69OAS / p71OAS

Background

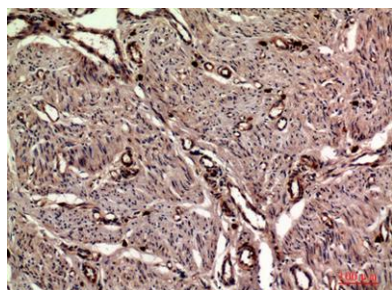
2'-5'-oligoadenylate synthetase 2(OAS2) Homo sapiens This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer 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. [provided by RefSeq, Jul 2008],



Western Blot analysis of HeLa cells using OAS2 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-uterus, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-uterus, antibody was diluted at 1:100