



# OAS2 rabbit pAb

Cat No.:ES4266

For research use only

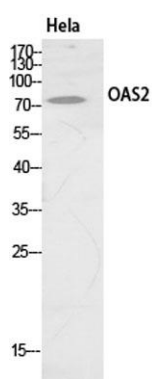
## Overview

<b>Product Name</b>	OAS2 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the N-terminal region of human OAS2. AA range:61-110
<b>Specificity</b>	OAS2 Polyclonal Antibody detects endogenous levels of OAS2 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	2'-5'-oligoadenylate synthase 2
<b>Gene Name</b>	OAS2
<b>Cellular localization</b>	Cytoplasm . Cytoplasm, perinuclear region .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	82kD
<b>Human Gene ID</b>	4939
<b>Human Swiss-Prot Number</b>	P29728
<b>Alternative Names</b>	OAS2; 2'-5'-oligoadenylate synthase 2; (2-5')oligo(A) synthase 2; 2-5A synthase 2; p69 OAS / p71 OAS; p69OAS / p71OAS
<b>Background</b>	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



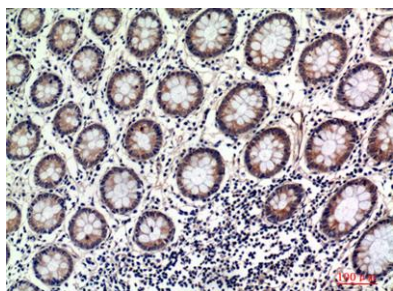


uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a 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

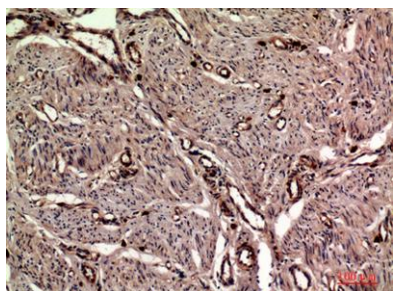
Immunohistochemical analysis of paraffin-embedded human-uterus, antibody was diluted at 1:100





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



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