

OAS2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP06309
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the N-terminal region of human OAS2. AA range:61-110
Mol wt	82431
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	OAS2 Antibody
Synonyms	OAS2; 2'-5'-oligoadenylate synthase 2; (2-5')oligo(A) synthase 2; 2-5A synthase 2; p69 OAS / p71 OAS; p69OAS / p71OAS

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

OAS2 encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The 2'-5'-oligoadenylate synthetase 2 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.

Recommended Dilution

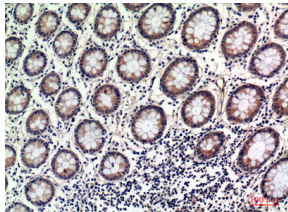
WB: 1: 500 - 1: 2000

IHC-p: 1: 100 - 1: 300

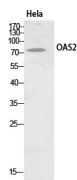
ELISA: 1: 20000

Not yet tested in other applications.

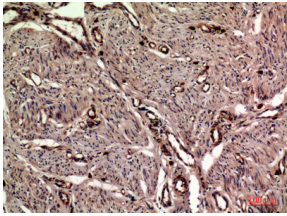
Images



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



Western Blot analysis of HeLa cells using OAS2 Polyclonal Antibody. Secondary antibody was diluted at 1:20000



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

Storage

-20°C for one year

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