

Product datasheet for **AP13200PU-N**

OAS1 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100 - 1/500. Immunohistochemistry: 1/10 - 1/50.
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected selected from the C-terminal region of human OAS1.
Specificity:	This antibody reacts to OAS1.
Formulation:	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
Concentration:	lot specific
Purification:	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	2'-5'-oligoadenylate synthetase 1
Database Link:	Entrez Gene 4938 Human P00973



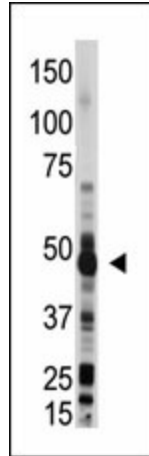
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Background:

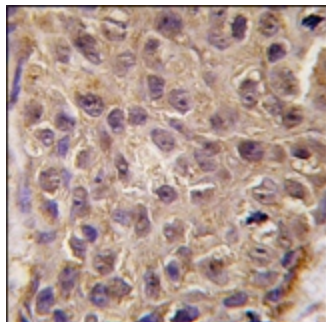
OAS1 is an interferon inducible protein that may play a role in mediating resistance to virus infection, control of cell growth, differentiation, and apoptosis. It binds double-stranded RNA and polymerizes ATP into PPP(A2'P5'A)N oligomers, which activate the latent RNase L that, when activated, cleaves single-stranded RNAs. This protein is associated with different subcellular fractions such as mitochondrial, nuclear, and rough/smooth microsomal fractions.

Synonyms:

2'-5'-oligoadenylate synthetase 1, p46/p42 OAS

Product images:

The anti-OAS1 Pab is used in Western blot to detect OAS1 in mouse liver lysate.



Formalin-fixed and paraffin-embedded human breast carcinoma tissue reacted with OAS1 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining