

## Product datasheet for **AP13202PU-N**

### **OAS3 (C-term) Rabbit Polyclonal Antibody**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	ELISA: 1/1,000. Western blotting: 1/100 - 1/500.
<b>Reactivity:</b>	Human
<b>Host:</b>	Rabbit
<b>Isotype:</b>	Ig
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	This antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide selected from the C-terminal region of human OAS3.
<b>Specificity:</b>	This antibody reacts to OAS3.
<b>Formulation:</b>	PBS with 0.09% (W/V) sodium azide State: Purified State: Liquid purified Ig
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	2'-5'-oligoadenylate synthetase 3
<b>Database Link:</b>	<a href="#">Entrez Gene 4940 Human Q9Y6K5</a>



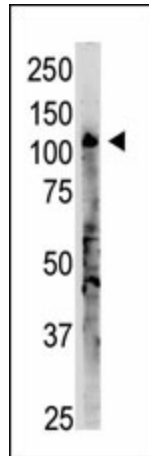
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**Background:**

OAS3 is an interferon inducible protein that belongs to the 2-5A synthetase family, may play a role in mediating resistance to virus infection, control of cell growth, differentiation, and apoptosis. OAS3 synthesizes preferentially dimeric 2',5'-oligoadenylate molecules. GTP can be an alternative substrate. OAS3 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. The protein is present at high level in placenta trophoblast.

**Synonyms:**

2-5A synthetase 3, p100 OAS

**Product images:**

The anti-OAS3 C-term Antibody is used in Western blot to detect OAS3 in A375 lysate