

OAS3 Rabbit Polyclonal Antibody



CAB9481

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

121kDa

Calculated MW:

121kDa

Applications:

WB IHC IF

Reactivity:

Human, Mouse, Rat

Protein Background

This gene encodes an enzyme included in the 2', 5' oligoadenylate synthase family. This enzyme is induced by interferons and catalyzes the 2', 5' oligomers of adenosine in order to bind and activate RNase L. This enzyme family plays a significant role in the inhibition of cellular protein synthesis and viral infection resistance.

Immunogen information

Gene ID:

4940

Uniprot

Q9Y6K5

Synonyms:

OAS3; p100; p100OAS

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC

1:100 - 1:200 IF 1:50 -

1:200

Source:

Rabbit

Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 320-620 of human OAS3 (NP_006178.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

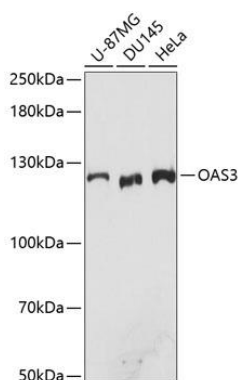
Isotype:

IgG

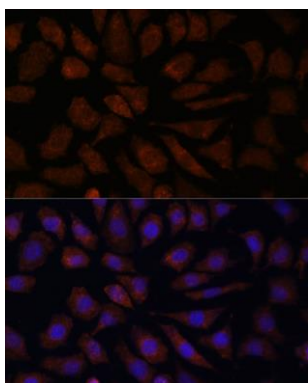
Purification:

Affinity purification

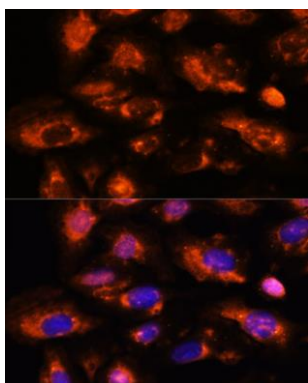
Product Images



Western blot analysis of extracts of various cell lines, using OAS3 antibody (CAB9481) at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 60s.



Immunofluorescence analysis of L929 cells using OAS3 antibody (CAB9481) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using OAS3 antibody (CAB9481) at dilution of 1:100. Blue: DAPI for nuclear staining.