

# OAS3 Polyclonal Antibody

Catalog Number:E-AB-65627



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

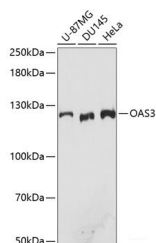
## Description

<b>Reactivity</b>	Human,Mouse,Rat
<b>Immunogen</b>	Recombinant fusion protein of human OAS3 (NP_006178.2).
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Applications Recommended Dilution

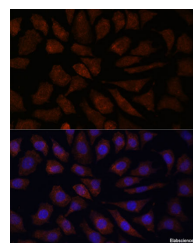
<b>WB</b>	1:500-1:2000
<b>IF</b>	1:50-1:200

## Data

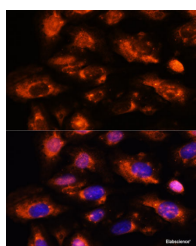


Western blot analysis of extracts of various cell lines using OAS3 Polyclonal Antibody at dilution of 1:3000.

**Observed Mw:121kDa**  
**Calculated Mw:121kDa**



Immunofluorescence analysis of L929 cells using OAS3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using OAS3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## 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

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significant role in the inhibition of cellular protein synthesis and viral infection resistance.

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