

Datasheet for ABIN7264801

anti-OAS3 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	OAS3
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OAS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human OAS3 (NP_006178.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	OAS3
Alternative Name:	OAS3 (OAS3 Products)
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.

Target Details

Molecular Weight: Observed_MW: 121 kDa
Calculated_MW: 121 kDa

Gene ID: 4940

UniProt: [Q9Y6K5](#)

Pathways: [Hepatitis C](#)

Application Details

Application Notes: WB 1:500-1:2000 IF 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3

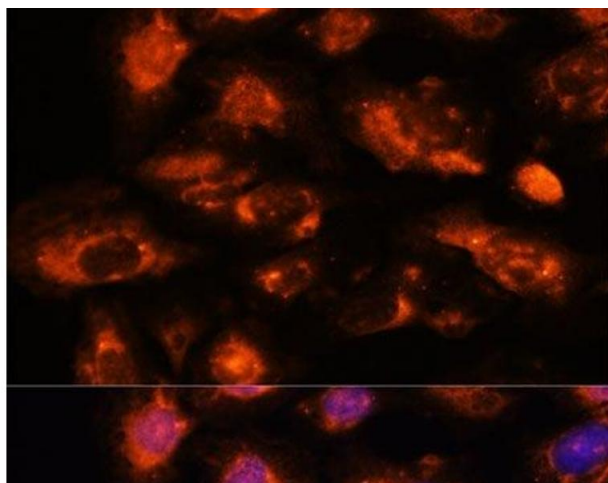
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

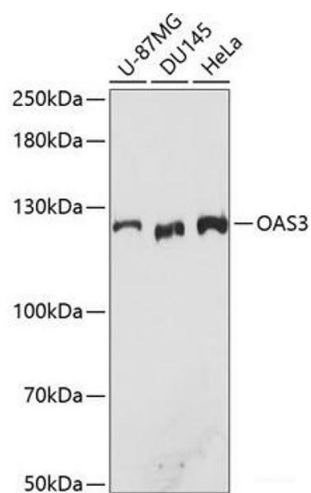
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



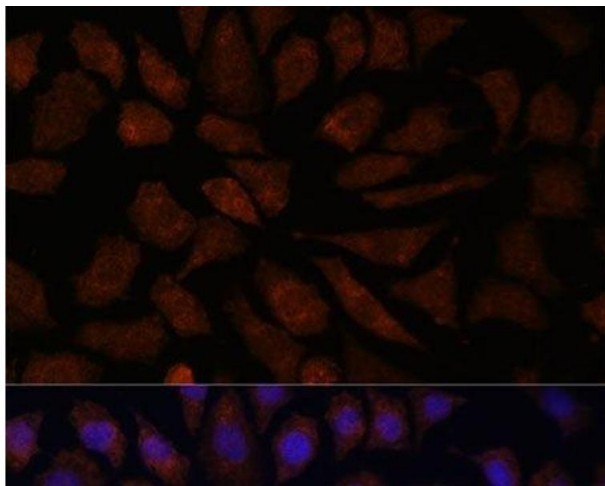
Immunofluorescence

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



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using OAS3 Polyclonal Antibody at dilution of 1:3000.



Immunofluorescence

Image 3. Immunofluorescence analysis of L929 cells using OAS3 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.