

Datasheet for ABIN7170322
anti-SOS2 antibody (AA 187-404)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µL
Target:	SOS2
Binding Specificity:	AA 187-404
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Son of sevenless homolog 2 protein (187-404AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	SOS2
Alternative Name:	SOS2 (SOS2 Products)
Background:	Background: Promotes the exchange of Ras-bound GDP by GTP. Aliases: FLJ25596 antibody, Guanine nucleotide exchange factor antibody, Guanine nucleotide

Target Details

releasing factor antibody, Son of sevenless (Drosophila) homolog 2 antibody, Son of sevenless homolog 2 (Drosophila) antibody, Son of sevenless homolog 2 antibody, SOS 2 antibody, SOS-2 antibody, Sos2 antibody, SOS2_HUMAN antibody

UniProt: [Q07890](#)

Pathways: [RTK Signaling](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [BCR Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

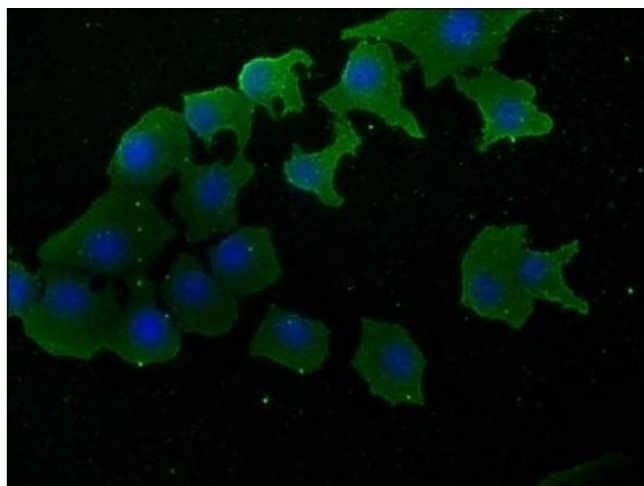
Preservative: ProClin

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

Storage: -20 °C,-80 °C

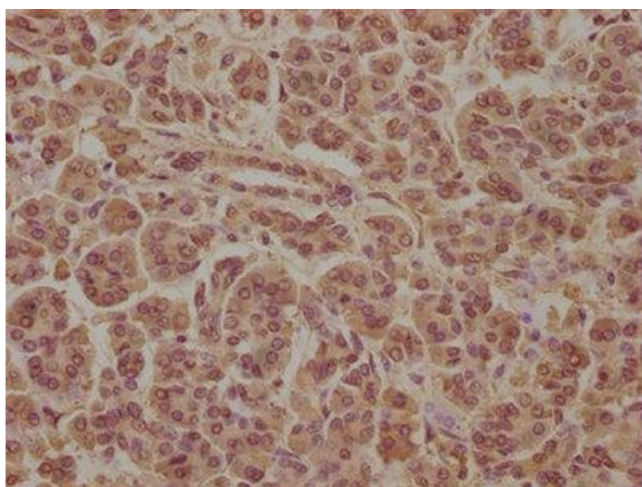
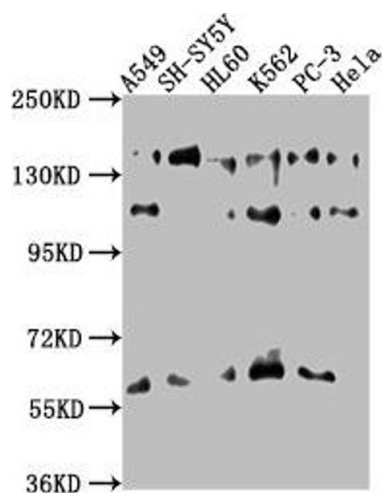
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence staining of A549 cells with ABIN7170322 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: A549 whole cell lysate, SH-SY5Y whole cell lysate, HL60 whole cell lysate, K562 whole cell lysate, PC-3 whole cell lysate, HeLa whole cell lysate. All lanes: SOS2 antibody at 1:1000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 153, 150 kDa. Observed band size: 153 kDa.

Immunohistochemistry

Image 3. IHC image of ABIN7170322 diluted at 1:100 and staining in paraffin-embedded human pancreatic tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7170322.