

Datasheet for ABIN210638 **anti-SOS1 antibody (AA 1243-1258)**



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Overview

Quantity:	200 µg
Target:	SOS1
Binding Specificity:	AA 1243-1258
Reactivity:	Human, Mouse, Horse, Rabbit, Dog, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Immunogen:	KLH-conjugated, synthetic peptide corresponding to amino acids 1243-1258 (KKSDHGNAFFPNSPSP) of murine Son of Sevenless Homolog 1 Protein (SOS 1). The immunizing sequence is identical in human. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Elephant, Panda, Dog, Horse, Rabbit (100%), Bovine, Bat, Pig (94%), Opossum (88%). Type of Immunogen: Synthetic peptide - KLH conjugated
Isotype:	IgG
Specificity:	Recognizes SOS 1, Mr 175kD. Species cross-reactivity: Mouse and human. Other species not tested.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse,

Product Details

Elephant, Panda, Dog, Horse, Rabbit (100%) Bovine, Bat, Pig (94%) Opossum (88%).

Purification: Protein A purified

Target Details

Target: SOS1

Alternative Name: SOS1 / HGF ([SOS1 Products](#))

Target Type: Viral Protein

Background: Name/Gene ID: SOS1

Synonyms: SOS1, GINGF, NS4, SOS-1, Son of sevenless homolog 1, GF1, GGF1

Gene ID: 6654

UniProt: [Q07889](#)

Pathways: [RTK Signaling](#), [TCR Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Hepatitis C](#), [Signaling Events mediated by VEGFR1 and VEGFR2](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [BCR Signaling](#)

Application Details

Application Notes: Approved: IP, WB (0.5 - 1 µg/mL)

Usage: Suitable for use in Western Blot and Immunoprecipitation. Western Blot: 0.5-1 µg/mL.
Immunoprecipitation: 5 µg. Positive control: F4209: Fibroblast Cell, 3T3/A31. Add 2.5 µL of 2-mercaptoethanol/100 µL of lysate and boil for 5 minutes to reduce the preparation. Load 20 µg of reduced lysate per lane for minigels.

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: 0.1 M Tris, pH 8.0, 0.15 M sodium chloride, 0.1 mM EDTA, 0.05 % sodium azide, 30 % glycerol.

Handling

Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C
Storage Comment:	4°C or -20°C, Avoid freeze-thaw cycles.