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Datasheet for ABIN7170320
anti-SOS1 antibody (AA 1140-1281) (FITC)

Overview

Quantity:	100 µg
Target:	SOS1
Binding Specificity:	AA 1140-1281
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOS1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Son of sevenless homolog 1 protein (1140-1281AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SOS1
Alternative Name:	SOS1 (SOS1 Products)
Target Type:	Viral Protein
Background:	Background: Promotes the exchange of Ras-bound GDP by GTP (PubMed:8493579). Probably

Target Details

by promoting Ras activation, regulates phosphorylation of MAP kinase MAPK3 in response to EGF (PubMed:17339331). Catalytic component of a trimeric complex that participates in transduction of signals from Ras to Rac by promoting the Rac-specific guanine nucleotide exchange factor (GEF) activity (By similarity).

Aliases: alternate SOS1 antibody, GF1 antibody, GGF1 antibody, GINGF antibody, gingival fibromatosis antibody, gingival fibromatosis hereditary 1 antibody, Guanine nucleotide exchange factor antibody, HGF antibody, NS4 antibody, Son of sevenless homolog 1 (Drosophila) antibody, Son of sevenless homolog 1 antibody, SOS Ras/Rac guanine nucleotide exchange factor 1 antibody, SOS-1 antibody, Sos1 antibody, SOS1_HUMAN antibody

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

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.