

[Go to Product page](#)

Datasheet for ABIN7450757 **anti-SOS2 antibody (AA 1282-1332)**

Overview

Quantity:	100 µg
Target:	SOS2
Binding Specificity:	AA 1282-1332
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-SOS2 Antibody, Affinity Purified
Immunogen:	between AA 1282 and 1332
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	SOS2
Alternative Name:	SOS2 (SOS2 Products)
Background:	Background: SOS2 (son of sevenless homolog 2) is a human paralog of the Drosophila SOS gene. Drosophila SOS was originally identified as a gene that functioned downstream of the

Target Details

sevenless gene in the Ras/MAP kinase signaling pathway. SOS and its paralogs, SOS1 and SOS2, function as guanine nucleotide exchange factors that act on Ras-GTPases to cause release of GDP in exchange for GTP. Although targeted disruption of SOS1 results in embryonic lethality, disruption of SOS2 does not have any effects on mouse development, growth, or fertility.

Gene ID: 6655

NCBI Accession: [NP_008870](#)

UniProt: [Q07890](#)

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

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate

WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months