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Datasheet for ABIN7452055  
**anti-SOS1 antibody (AA 1283-1333)**

### Overview

Quantity:	20 µg
Target:	SOS1
Binding Specificity:	AA 1283-1333
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SOS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

### Product Details

Purpose:	Rabbit anti-SOS1 Antibody, Affinity Purified
Immunogen:	between AA 1283 and 1333
Isotype:	IgG
Predicted Reactivity:	Mouse
Purification:	Affinity Purified

### Target Details

Target:	SOS1
Alternative Name:	SOS1 ( <a href="#">SOS1 Products</a> )
Background:	Background: SOS1 (son of sevenless homolog 1) is a human paralog of the drosophila SOS

## Target Details

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gene. Drosophila SOS was originally identified as a gene that functioned downstream of the 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. Mutations in SOS1 are the cause of Noonan syndrome type 4 and gingival fibromatosis.

Gene ID:	6654
NCBI Accession:	<a href="#">NP_005624</a>
UniProt:	<a href="#">Q07889</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">TCR Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a> , <a href="#">Hepatitis C</a> , <a href="#">Signaling Events mediated by VEGFR1 and VEGFR2</a> , <a href="#">Signaling of Hepatocyte Growth Factor Receptor</a> , <a href="#">BCR Signaling</a>

## Application Details

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Application Notes:	IP: 2 - 5 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

## Handling

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Concentration:	200 µg/mL
Buffer:	Tris-buffered Saline containing 0.1 % BSA and 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