



# SOS1 rabbit pAb

Cat No.:ES11886

For research use only

## Overview

<b>Product Name</b>	SOS1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	SOS1 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Son of sevenless homolog 1 (SOS-1)
<b>Gene Name</b>	SOS1
<b>Cellular localization</b>	intracellular,cytosol,plasma membrane,postsynaptic density,neuronal cell body,
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	146kD
<b>Human Gene ID</b>	6654
<b>Human Swiss-Prot Number</b>	Q07889
<b>Alternative Names</b>	
<b>Background</b>	This gene encodes a protein that is a guanine nucleotide exchange factor for RAS proteins, membrane proteins that bind guanine nucleotides and participate in signal transduction pathways. GTP binding activates and GTP hydrolysis inactivates RAS proteins. The product of this gene may regulate RAS proteins by facilitating the exchange of GTP for GDP. Mutations in this gene are associated with gingival





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fibromatosis 1 and Noonan syndrome type 4.  
[provided by RefSeq, Jul 2008],



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