



Anti-SOS2 (aa 312-420) polyclonal antibody (DPAB-DC2938)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	SOS2 (son of sevenless homolog 2 (Drosophila)) is a protein-coding gene. Diseases associated with SOS2 include noonan syndrome, and chronic myeloid leukemia, and among its related super-pathways are IL-9 Signaling Pathways and Translation Insulin regulation of translation. GO annotations related to this gene include protein heterodimerization activity and guanyl-nucleotide exchange factor activity. An important paralog of this gene is RALGPS2.
Immunogen	SOS2 (NP_008870, 312 a.a. ~ 420 a.a) partial recombinant protein with GST tag. The sequence is LMARPAVALHFQSIADGFKEAVRYVLPRMLVPVYHCWHYFELLKQLKACSEQEDRECL NQAITALMNHQGSMDRIYKQYSPRRPGDPVCPFYSHQLRSKHLAIKKM
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SOS2 son of sevenless homolog 2 (Drosophila) [Homo sapiens (human)]
Official Symbol	SOS2
Synonyms	SOS2; son of sevenless homolog 2 (Drosophila); son of sevenless homolog 2; SOS-2; guanine nucleotide exchange factor; guanine nucleotide releasing factor;
Entrez Gene ID	6655
Protein Refseq	NP_008870
UniProt ID	Q07890
Chromosome Location	14q21
Pathway	Activation of Rac; Acute myeloid leukemia; Alcoholism; B Cell Receptor Signaling Pathway
Function	DNA binding; Rho guanyl-nucleotide exchange factor activity; protein binding; protein heterodimerization activity