



Sos 2 Polyclonal Antibody

Catalog No	YP-Ab-16252
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA;IHC
Gene Name	SOS2
Immunogen	The antiserum was produced against synthesized peptide derived from human SOS2. AA range:631-680
Specificity	Sos 2 Polyclonal Antibody detects endogenous levels of Sos 2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FLJ25596;Guanine nucleotide exchange factor;Guanine nucleotide releasing factor;Son of sevenless (Drosophila) homolog 2;Son of sevenless homolog 2 (Drosophila);Son of sevenless homolog 2;SOS 2;SOS-2;Sos2;SOS2_HUMAN
Observed Band	150kD
Calculated Molecular Weight	150kD
Cell Pathway	intracellular,cytosol,
Tissue Specificity	Brain,Placenta,
Function	function:Promotes the exchange of Ras-bound GDP by GTP.,online information:Son of sevenless entry,similarity:Contains 1 DH (DBL-homology) domain.,similarity:Contains 1 N-terminal Ras-GEF domain.,similarity:Contains 1 PH domain.,similarity:Contains 1 Ras-GEF domain.,
Background	This gene encodes a regulatory protein that is involved in the positive regulation of ras proteins. Mutations in this gene are associated with Noonan Syndrome-9. [provided by RefSeq, Jul 2016],



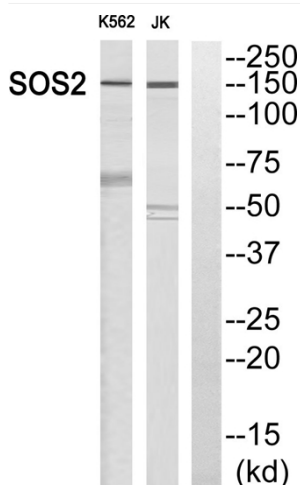
matters needing attention

Avoid repeated freezing and thawing!

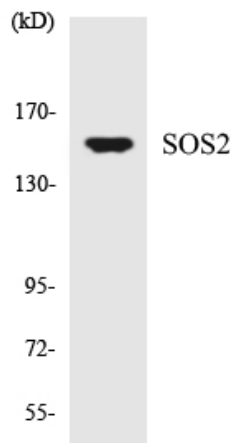
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

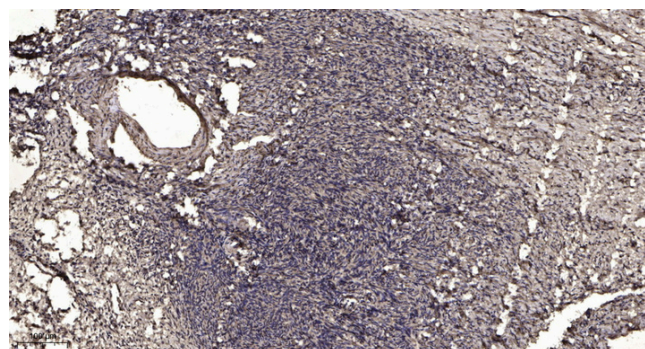
Products Images



Western blot analysis of SOS2 Antibody. The lane on the right is blocked with the SOS2 peptide.



Western blot analysis of the lysates from HT-29 cells using SOS2 antibody.



Immunohistochemical analysis of paraffin-embedded human oophoroma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).