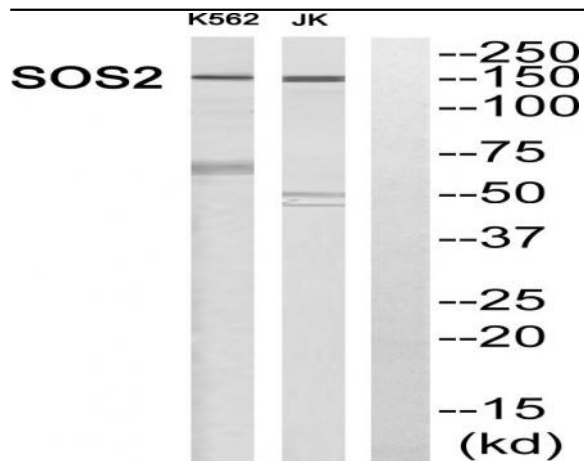


## Sos 2 Polyclonal Antibody

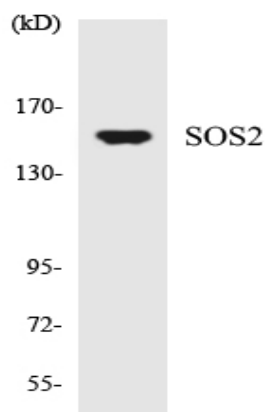
<b>Catalog No :</b>	YT4367
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	Sos 2
<b>Fields :</b>	>>EGFR tyrosine kinase inhibitor resistance;>>Endocrine resistance;>>MAPK signaling pathway;>>ErbB signaling pathway;>>Ras signaling pathway;>>Chemokine signaling pathway;>>FoxO signaling pathway;>>Phospholipase D signaling pathway;>>mTOR signaling pathway;>>PI3K-Akt signaling pathway;>>Focal adhesion;>>Gap junction;>>JAK-STAT signaling pathway;>>Natural killer cell mediated cytotoxicity;>>T cell receptor signaling pathway;>>B cell receptor signaling pathway;>>Fc epsilon RI signaling pathway;>>Thermogenesis;>>Neurotrophin signaling pathway;>>Regulation of actin cytoskeleton;>>Insulin signaling pathway;>>GnRH signaling pathway;>>Estrogen signaling pathway;>>Prolactin signaling pathway;>>Relaxin signaling pathway;>>Growth hormone synthesis, secretion and action;>>Alcoholism;>>Hepatitis C;>>Hepatitis B;>>Human cytomegalovirus infection;>>Human papillomavirus infection;>>Pathways in cancer;>>Proteoglycans in cancer;>>MicroRNAs in cancer;>>Chemical carcinogenesis - receptor activation;>>Che
<b>Gene Name :</b>	SOS2
<b>Protein Name :</b>	Son of sevenless homolog 2
<b>Human Gene Id :</b>	6655
<b>Human Swiss Prot No :</b>	Q07890
<b>Mouse Swiss Prot No :</b>	Q02384
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human SOS2. AA range:631-680
<b>Specificity :</b>	Sos 2 Polyclonal Antibody detects endogenous levels of Sos 2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000;IHC 1:50-300; ELISA 2000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	150kD
<b>Cell Pathway :</b>	MAPK_ERK_Growth;MAPK_G_Protein;ErbB_HER;Chemokine;Dorso-ventral axis formation;Focal adhesion;Gap junction;Jak_STAT;Natural killer cell mediated cytotoxicity;T_Cell_Receptor;B_Cell_Antigen;Fc epsilon
<b>Background :</b>	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],
<b>Function :</b>	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.,
<b>Subcellular Location :</b>	intracellular,cytosol,
<b>Expression :</b>	Brain,Placenta,
<b>Sort :</b>	16511
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

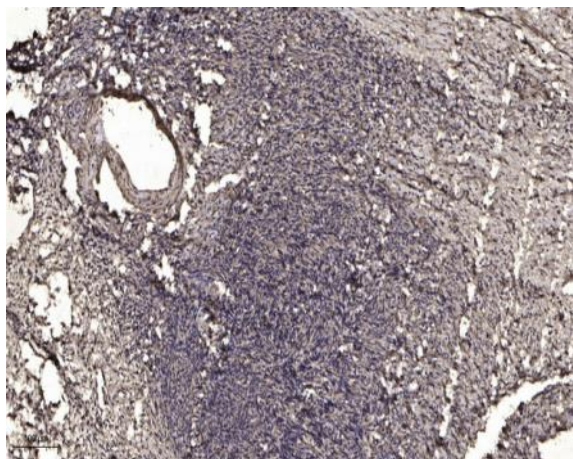
## Products Images



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).