Anti-SOS1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R014394

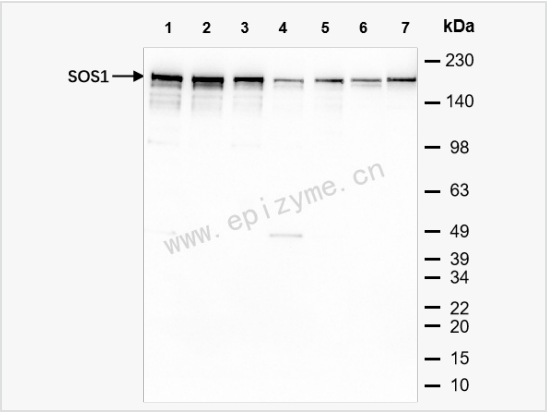
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	21L91S05
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human SOS1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SOS1 Rabbit mAb [21L91S05] is for research use only and not for use in diagnostic or therapeutic procedures.

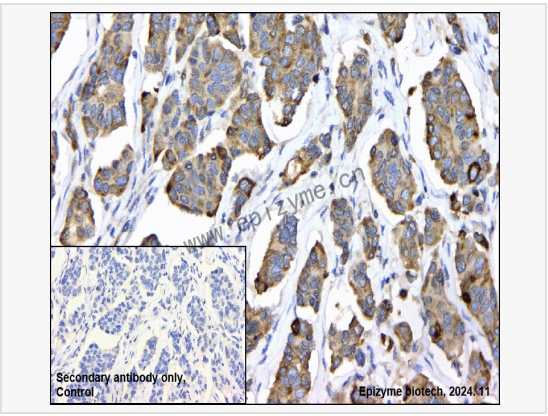
Protein Information

Synonyms	Son of sevenless homolog 1; SOS-1; SOS1.
Calculated MW	Calculated MW: 152 kDa; Observed MW: 152 kDa
Uniprot ID	Q07889
Gene ID	6654
Background	Promotes the exchange of Ras-bound GDP by GTP.
Tissue Location	Expressed in gingival tissues.

Validation Images



Western Blot - Anti-SOS1 Rabbit mAb [21L91S05]
All lanes: R014394 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: A431 (Human epidermoid teratoma cell line) whole cell lysates
Lane 5: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lane 6: Rat muscle whole tissue lysates
Lane 7: Mouse heart whole tissue lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG(H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 152 kDa
Observed band size: 152 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-SOS1 Rabbit mAb [21L91S05]
Sample: Paraformaldehyde-fixed, paraffin embedded human ovarian cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R014394 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.