

Sos1 Antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI14944

Product Information

Application	WB
Primary Accession	Q62245
Other Accession	NM_009231 , NP_033257
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	150883

Additional Information

Gene ID	20662
Alias Symbol	4430401P03Rik, 9630010N06, AI449023
Other Names	Son of sevenless homolog 1, SOS-1, mSOS-1, Sos1
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Sos1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	Sos1 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

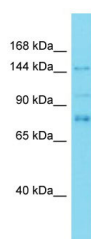
Protein Information

Name	Sos1
Function	Promotes the exchange of Ras-bound GDP by GTP. Probably by promoting Ras activation, regulates phosphorylation of MAP kinase MAPK3 in response to EGF (By similarity). Catalytic component of a trimeric complex that participates in transduction of signals from Ras to Rac by promoting the Rac-specific guanine nucleotide exchange factor (GEF) activity (PubMed: 10499589 , PubMed: 11524436).
Tissue Location	Expressed in most embryonic and adult tissues.

References

Bowtell D.D.,et al.Proc. Natl. Acad. Sci. U.S.A. 89:6511-6515(1992).
Scita G.,et al.Nature 401:290-293(1999).
Scita G.,et al.J. Cell Biol. 154:1031-1044(2001).
Munton R.P.,et al.Mol. Cell. Proteomics 6:283-293(2007).
Villen J.,et al.Proc. Natl. Acad. Sci. U.S.A. 104:1488-1493(2007).

Images



Host: Rabbit
Target Name: Sos1
Sample Tissue: Mouse Spleen lysates
Antibody Dilution: 1.0µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.