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Sos1 Antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI14944

Specification

Sos1 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q62245
Other Accession	NM_009231, NP_033257
Reactivity	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Predicted	**Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**151kDa KDa**

Sos1 Antibody - N-terminal region - 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.

Sos1 Antibody - N-terminal region - 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).

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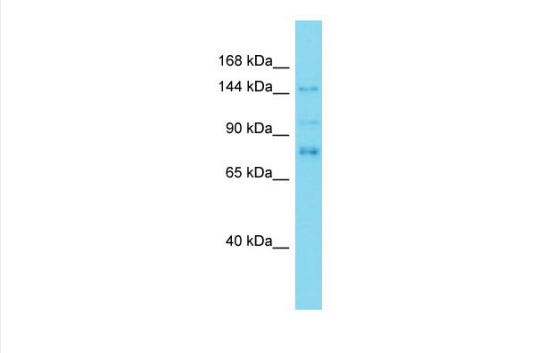
Tissue Location
Expressed in most embryonic and adult tissues.

Sos1 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Sos1 Antibody - N-terminal region - Images



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

Sos1 Antibody - N-terminal region - 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).