

**SOS2 Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP11762A**

**Specification**

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**SOS2 Antibody (N-term) - Product Information**

|                   |  |
|-------------------|--|
| Application       | WB, FC,E   |
| Primary Accession | <a href="#">Q07890</a>                               |
| Other Accession   | <a href="#">Q02384</a> , <a href="#">NP_008870.2</a> |
| Reactivity        | Human  |
| Predicted         | Mouse  |
| Host              | Rabbit   |
| Clonality         | Polyclonal   |
| Isotype           | Rabbit IgG   |
| Calculated MW     | 152979   |
| Antigen Region    | 188-215  |

**SOS2 Antibody (N-term) - Additional Information**

**Gene ID** 6655

**Other Names**

Son of sevenless homolog 2, SOS-2, SOS2

**Target/Specificity**

This SOS2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 188-215 amino acids from the N-terminal region of human SOS2.

**Dilution**

WB~~1:1000  
FC~~1:10~50

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

SOS2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**SOS2 Antibody (N-term) - Protein Information**

**Name** SOS2

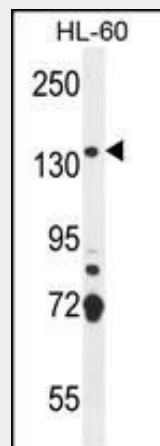
**Function** Promotes the exchange of Ras-bound GDP by GTP.

### SOS2 Antibody (N-term) - Protocols

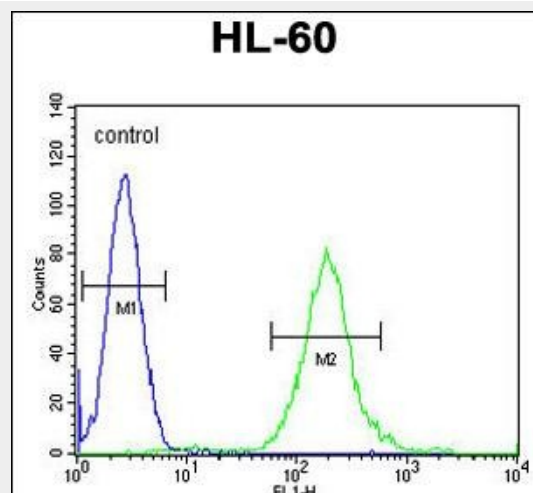
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### SOS2 Antibody (N-term) - Images



SOS2 Antibody (N-term) (Cat. #AP11762a) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the SOS2 antibody detected the SOS2 protein (arrow).



SOS2 Antibody (N-term) (Cat. #AP11762a) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### SOS2 Antibody (N-term) - Background

SOS2 promotes the exchange of Ras-bound GDP by GTP (By similarity).

#### **SOS2 Antibody (N-term) - References**

- Takefuji, M., et al. J. Hum. Genet. 55(1):42-49(2010)  
Kurada, B.R., et al. J. Biol. Chem. 284(20):13533-13541(2009)  
Hamilton, G., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 144B (4), 508-516 (2007) :  
Wu, C., et al. Proteomics 7(11):1775-1785(2007)  
Roberts, A.E., et al. Nat. Genet. 39(1):70-74(2007)