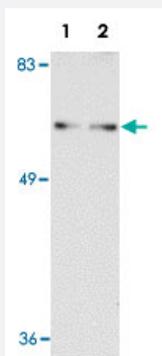


# SHOC2 polyclonal antibody

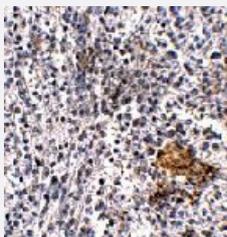
Catalog # PAB16760      Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of SHOC2 in Jurkat cell lysate with SHOC2 polyclonal antibody (Cat # PAB16760) at (A) 1 and (B) 2 ug/mL .



### Immunohistochemistry

Immunohistochemistry of SHOC2 in human spleen tissue with SHOC2 polyclonal antibody (Cat # PAB16760) at 5 ug/mL .

## Specification

|                            |  |
|----------------------------|--|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of SHOC2.                          |
| <b>Immunogen</b>           | A synthetic peptide corresponding to N-terminus 21 amino acids of human SHOC2.                 |
| <b>Host</b>                | Rabbit   |
| <b>Reactivity</b>          | Human, Mouse, Rat  |
| <b>Form</b>                | Liquid   |
| <b>Recommend Usage</b>     | Western Blot (1-2 ug/mL)<br>The optimal working dilution should be determined by the end user. |

|                            |   |
|----------------------------|---|
| <b>Storage Buffer</b>      | In PBS (0.02% sodium azide)   |
| <b>Storage Instruction</b> | Store at 4°C for three months. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| <b>Note</b>                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.  |

## Applications

- Western Blot (Cell lysate)

Western blot analysis of SHOC2 in Jurkat cell lysate with SHOC2 polyclonal antibody (Cat # PAB16760) at (A) 1 and (B) 2 ug/mL .

- Immunohistochemistry

Immunohistochemistry of SHOC2 in human spleen tissue with SHOC2 polyclonal antibody (Cat # PAB16760) at 5 ug/mL .

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — SHOC2

|                           |  |
|---------------------------|--|
| <b>Entrez GeneID</b>      | <a href="#">8036</a>   |
| <b>Protein Accession#</b> | <a href="#">NP_031399</a>  |
| <b>Gene Name</b>          | SHOC2  |
| <b>Gene Alias</b>         | FLJ60412, KIAA0862, SIAA0862, SOC-2, SOC2, SUR-8, SUR8   |
| <b>Gene Description</b>   | soc-2 suppressor of clear homolog (C. elegans)   |
| <b>Omim ID</b>            | <a href="#">602775</a>   |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>  |
| <b>Gene Summary</b>       | C. elegans   |
| <b>Other Designations</b> | OTTHUMP00000020481 soc-2 suppressor of clear homolog suppressor of clear, C. elegans, homolog of |

## Publication Reference

- [A phosphatase holoenzyme comprised of Shoc2/Sur8 and the catalytic subunit of PP1 functions as an M-Ras effector to modulate Raf activity.](#)

Rodriguez-Viciano P, Oses-Prieto J, Burlingame A, Fried M, McCormick F.

Molecular Cell 2006 Apr; 22(2):217.

Application: IP, WB-Tr, Human, A-427, A-549, ASPC1, HEK 293T, HeLa, HepG2, HPAF, HT1080, MDA-MB-231, MiaPaca1, PANC1, RD, SKMEL-2, SW480 cells

- [The leucine-rich repeat protein SUR-8 enhances MAP kinase activation and forms a complex with Ras and Raf.](#)

Li W, Han M, Guan KL.

Genes & Development 2000 Apr; 14(8):895.

Application: IP, Human, HEK 293 cells

- [soc-2 encodes a leucine-rich repeat protein implicated in fibroblast growth factor receptor signaling.](#)

Selfors LM, Schutzman JL, Borland CZ, Stern MJ.

PNAS 1998 Jun; 95(12):6903.

Application: IF, IP-WB, Mouse, Monkey, COS-7, NIH/3T3 cells