

SHOC2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58801**Specification**

SHOC2 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	O9UQ13
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64888

SHOC2 Polyclonal Antibody - Additional Information**Gene ID** 8036**Other Names**

Leucine-rich repeat protein SHOC-2, Protein soc-2 homolog, Protein sur-8 homolog, SHOC2, KIAA0862

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

SHOC2 Polyclonal Antibody - Protein Information**Name** SHOC2**Synonyms** KIAA0862**Function**

Regulatory subunit of protein phosphatase 1 (PP1c) that acts as a M-Ras/MRAS effector and participates in MAPK pathway activation. Upon M-Ras/MRAS activation, targets PP1c to specifically dephosphorylate the 'Ser-259' inhibitory site of RAF1 kinase and stimulate RAF1 activity at specialized signaling complexes.

Cellular Location

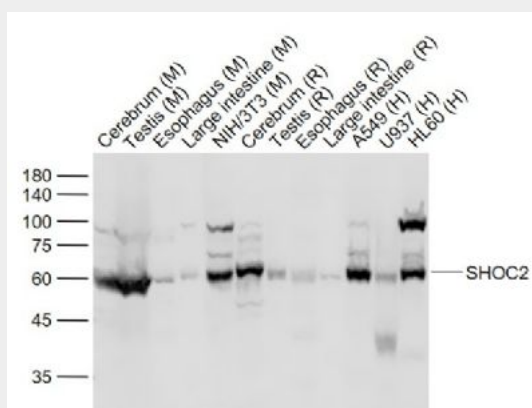
Cytoplasm. Nucleus. Note=Translocates from cytoplasm to nucleus upon growth factor stimulation.

SHOC2 Polyclonal Antibody - 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](#)

SHOC2 Polyclonal Antibody - Images



Sample:

- Lane 1: Cerebrum (Mouse) Lysate at 40 ug
- Lane 2: Testis (Mouse) Lysate at 40 ug
- Lane 3: Esophagus (Mouse) Lysate at 40 ug
- Lane 4: Large intestine (Mouse) Lysate at 40 ug
- Lane 5: NIH/3T3 (Mouse) Cell Lysate at 30 ug
- Lane 6: Cerebrum (Rat) Lysate at 40 ug
- Lane 7: Testis (Rat) Lysate at 40 ug
- Lane 8: Esophagus (Rat) Lysate at 40 ug
- Lane 9: Large intestine (Rat) Lysate at 40 ug
- Lane 10: A549 (Human) Cell Lysate at 30 ug
- Lane 11: U937 (Human) Cell Lysate at 30 ug
- Lane 12: HL60 (Human) Cell Lysate at 30 ug

Primary:

Anti- SHOC2 (bs-7934R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 62 kD

Observed band size: 60 kD