

## Slingshot homolog 1/SSH1 rabbit pAb

<b>Catalog No :</b>	YN8804
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB
<b>Target :</b>	SSH1
<b>Gene Name :</b>	SSH1 KIAA1298 SSH1L
<b>Protein Name :</b>	Protein phosphatase Slingshot homolog 1 (EC 3.1.3.16) (EC 3.1.3.48) (SSH-like protein 1) (SSH-1L) (hSSH-1L)
<b>Human Gene Id :</b>	54434
<b>Human Swiss Prot No :</b>	Q8WYL5
<b>Mouse Gene Id :</b>	231637
<b>Mouse Swiss Prot No :</b>	Q76I79
<b>Immunogen :</b>	Synthesized peptide derived from human Slingshot homolog 1/SSH1
<b>Specificity :</b>	This antibody detects endogenous levels of Slingshot homolog 1/SSH1 at Human, Mouse
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Molecularweight :** 115kD

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**Function :** Protein phosphatase which regulates actin filament dynamics. Dephosphorylates and activates the actin binding/depolymerizing factor cofilin, which subsequently binds to actin filaments and stimulates their disassembly. Inhibitory phosphorylation of cofilin is mediated by LIMK1, which may also be dephosphorylated and inactivated by this protein.

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**Subcellular Location :** Cytoplasm, cytoskeleton. Cell projection, lamellipodium. Cleavage furrow. Midbody. Also recruited to actin rich membrane protrusions such as lamellipodia, which may allow local control of actin dynamics at sites of cell locomotion. Also localized to the cleavage furrow and the midbody during cytokinesis.

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**Sort :** 27481

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**No4 :** 1

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