



Slingshot homolog 1/SSH1 Rabbit pAb

Catalog No	YP-Ab-19445
Isotype	IgG
Reactivity	Human,Mouse
Applications	WB
Gene Name	SSH1 KIAA1298 SSH1L
Immunogen	Synthesized peptide derived from human Slingshot homolog 1/SSH1. AA range:779-849
Specificity	This antibody detects endogenous levels of Slingshot homolog 1/SSH1 at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	SSH1 KIAA1298 SSH1L;Protein phosphatase Slingshot homolog 1 (SSH-like protein 1) (SSH-1L) (hSSH-1L)
Observed Band	
Calculated Molecular Weight	115kD
Cell Pathway	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.
Tissue Specificity	
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.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images