

兔抗 SHTN1 多克隆抗体

中文名称：兔抗 SHTN1 多克隆抗体

英文名称： Anti-SHTN1 rabbit polyclonal antibody

别名： shootin 1; KIAA1598; shootin-1

相关类别： 一抗

储存： 冷冻（-20℃）

宿主： Rabbit

抗原： SHTN1

反应种属： Human

标记物： Unconjugate

克隆类型： rabbit polyclonal

技术规格

Background:

Involved in the generation of internal asymmetric signals required for neuronal polarization and neurite outgrowth. Mediates netrin-1-induced F-actin-substrate coupling or 'clutch engagement' within the axon growth cone through activation of CDC42, RAC1 and PAK1-dependent signaling pathway, thereby converting the F-actin retrograde flow into traction forces, concomitantly with filopodium extension and axon outgrowth. Plays a role in cytoskeletal organization by regulating the subcellular localization of phosphoinositide 3-kinase (PI3K) activity at the axonal growth

	cone. Plays also a role in regenerative neurite outgrowth. In the developing cortex, cooperates with KIF20B to promote both the transition from the multipolar to the bipolar stage and the radial migration of cortical neurons from the ventricular zone toward the superficial layer of the neocortex. Involved in the accumulation of phosphatidylinositol 3,4,5-trisphosphate (PIP3) in the growth cone of primary hippocampal neurons.
Applications:	ELISA, WB, IHC
Name of antibody:	SHTN1
Immunogen:	Synthetic peptide of human SHTN1
Full name:	shootin 1
Synonyms:	KIAA1598; shootin-1
SwissProt:	A0MZ66
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human tonsil
IHC Recommend dilution:	50-100
WB Predicted band size:	72 kDa
WB Positive control:	Human fetal liver tissue lysate
WB Recommended dilution:	500-2000

