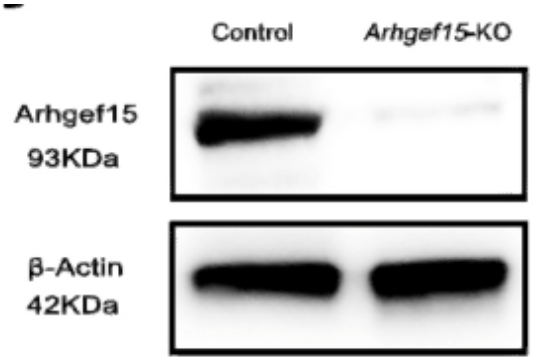
ARHGF Polyclonal Antibody

Catalog No	YP-Ab-06093
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	ARHGEF15 KIAA0915
Protein Name	Rho guanine nucleotide exchange factor 15 (Ephexin-5) (E5) (Vsm-RhoGEF)
Immunogen	Synthesized peptide derived from human protein . at AA range: 560-640
Specificity	ARHGF Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	92kD
Cell Pathway	Cell projection, dendrite . Expressed exclusively in dendrites of the developing hippocampus. .
Tissue Specificity	Expressed in the vascular smooth muscle of coronary artery.
Function	function:Specific GEF for RhoA activation and the regulation of vascular smooth muscle contractility.,PTM:Phosphorylated on tyrosine residues upon EFNA1 stimulation.,similarity:Contains 1 DH (DBL-homology) domain.,subunit:Interacts with EPHA4.,tissue specificity:Expressed in the vascular smooth muscle of coronary artery.,
Background	Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein-coupled receptors. This gene encodes a protein that functions as a specific guanine nucleotide exchange factor for RhoA. It also interacts with ephrin A4 in vascular smooth muscle cells. Two alternatively spliced transcripts variants that encode the same protein have been found for this gene. [provided by RefSeq, Aug 2010],
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



ARHGEF15 is expressed in undifferentiated spermatogonia but is not required for spermatogenesis in mice Reproductive Biology Yu-Jun Wang, Shuang Li, Hai-Ping Tao, Xiao-Na Zhang, You-Gui Fang, Qi-En Yang WB Mouse testicular tissues