Best Tools for immunology Research

FHOD1 rabbit pAb

Catalog No :	YT7509
Reactivity :	Human;Mouse
Applications :	WB
Target :	FHOD1
Fields :	>>Salmonella infection
Gene Name :	FHOD1 FHOS FHOS1
Protein Name :	FHOD1
Human Gene Id :	29109
Human Swiss Prot No :	Q9Y613
Mouse Gene Id :	234686
Mouse Swiss Prot No :	Q6P9Q4
Immunogen :	Synthesized peptide derived from human FHOD1 AA range: 210-260
Specificity :	This antibody detects endogenous levels of FHOD1 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 128kD

Background : This gene encodes a protein which is a member of the formin/diaphanous family of proteins. The gene is ubiquitously expressed but is found in abundance in the spleen. The encoded protein has sequence homology to diaphanous and formin proteins within the Formin Homology (FH)1 and FH2 domains. It also contains a coiled-coil domain, a collagen-like domain, two nuclear localization signals, and several potential PKC and PKA phosphorylation sites. It is a predominantly cytoplasmic protein and is expressed in a variety of human cell lines. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2015],

Function : domain:Regulated by intramolecular binding to a C-terminal auto-inhibitory domain. Effector binding abolishes this interaction and activates the protein.,function:Required for the assembly of F-actin structures, such as stress fibers. Depends on the Rho-ROCK cascade for its activity. Contributes to the coordination of microtubules with actin fibers and plays a role in cell elongation.,similarity:Belongs to the formin homology family.,similarity:Contains 1 FH1 (formin homology 1) domain.,similarity:Contains 1 FH2 (formin homology 2) domain.,similarity:Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain.,subcellular location:Predominantly cytoplasmic.,subunit:Self-associates via the FH2 domain. Binds to F-actin via its N-terminus. Binds to the cytoplasmic domain of CD21 via its C-terminus.,tissue specificity:Ubiquitous. Highly expressed in spleen.,

Subcellular Location : Cytoplasm. Cytoplasm, cytoskeleton. Cell projection, bleb. Predominantly cytoplasmic.

Expression : Ubiquitous. Highly expressed in spleen.

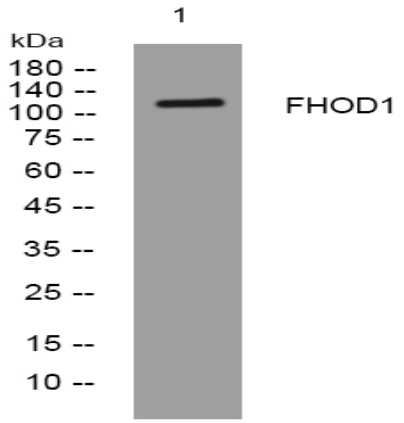
Sort : 6046

No4 : 1

Host : Rabbit

Modifications : Unmodified

Products Images



Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4°over night