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530-758-4400

PRODUCT DATASHEET

Anti-FHOD1 (Thr-1141), Phosphospecific Antibody

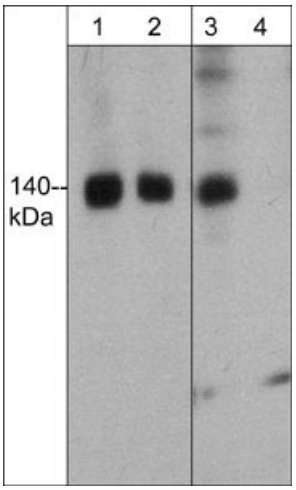
phosphosolutions ANTIBODIES THAT WORK

Product Details

Available Variants	100 µL (SKU:FP3481)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	FHOD1
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Applications	ELISA, WB
Dilution Ranges	WB: 1:1000
Species Reactivity	Human, Mouse, Rat
Immunogen	Phospho-FHOD1 (Thr-1141) synthetic peptide (coupled to KLH) corresponding to amino acid residues surrounding Thr-1141 in human FHOD1. This peptide sequence is highly conserved in rat and mouse FHOD1, and is well conserved in FHOD3 (Thr-1399).
Specificity	This antibody was cross-adsorbed to unphosphorylated FHOD1 (Thr-1141) peptide before affinity purification using phospho-FHOD1 (Thr-1141) peptide (without carrier). The antibody detects a 140 kDa* protein corresponding to the apparent molecular mass of FHOD1 on SDS-PAGE immunoblots of human K562 and mouse C2C12 cells treated with calyculin A.
Molecular Weight	140
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q9Y613 UniProt Summary: 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. Acts synergistically with ROCK1 to promote SRC-dependent non-apoptotic plasma membrane blebbing.
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.
Post Translational Modification Type	Phosphorylated
Post Translational Modification Residue	Thr-1141
NCBI Gene ID	29109

Product Images



Western blot of FHOD1 phosphorylation in human K562 cells stimulated with calyculin A (100 nM) for 30 min. (lanes 1 & 3). The blot was then treated with lambda phosphatase (lanes 2 & 4). Blots were probed with mouse polyclonal anti-FHOD1 (lanes 1 & 2) and anti-FHOD1 (Thr-1141), phospho-specific antibody (lanes 3 & 4) .



Created on 20. November 2026 | All information without guarantee