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Datasheet for ABIN1700461  
**anti-FHOD1 antibody (pThr1141) (Biotin)**

### Overview

Quantity:	100 µL
Target:	FHOD1
Binding Specificity:	pThr1141
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FHOD1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

### Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human FHOD1 around the phosphorylation site of Thr1141
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse,Dog,Cow,Pig,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	FHOD1
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## Target Details

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Alternative Name: FHOD1 ([FHOD1 Products](#))

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Background: Synonyms: FHOD1 phospho T1141, p-FHOD1 phospho T1141, FH1/FH2 domain containing protein, FH1/FH2 domain-containing protein 1, Fhod1, FHOD1\_HUMAN, FHOS, FHOS1, Formin homolog overexpressed in spleen 1, Formin homology 2 domain containing 1, Formin homology 2 domain containing protein 1, Formin homology 2 domain-containing protein 1.

Background: The limb deformity (ld) locus influences normal limb development and gives rise to alternative mRNAs that can translate into a family of protein products known as formins. Formins play a crucial role in cytoskeletal reorganization by influencing actin filament assembly. The temporal genetic hierarchy influencing normal limb development can deregulate and mediate mammalian developmental syndromes. FHOD1 induces the formation of and associates with bundled actin stress fibers in response to the activity of the Rho-ROCK cascade. It influences several cellular activities including cell migration, cytoskeletal arrangement, signal transduction and gene expression.

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Gene ID: 29109

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## Application Details

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Application Notes: WB 1:300-5000  
IHC-P 1:200-400  
IHC-F 1:100-500

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C for 12 months.

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## Handling

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Expiry Date: 12 months