

Datasheet for ABIN753907

anti-Filamin A antibody (AA 1851-1960) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Filamin A (FLNA)
Binding Specificity:	AA 1851-1960
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Filamin A antibody is conjugated to HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Filamin A
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	Filamin A (FLNA)
Alternative Name:	Filamin A (FLNA Products)

Target Details

Background:	Synonyms: ABP 280, ABP 280 like protein, ABP-280, ABP280A, ABPA, Actin binding like protein, Actin binding protein 280, Actin-binding protein 280, Alpha filamin, Alpha-filamin, APBX, cb967, Dilp2, Endothelial actin binding protein, Endothelial actin-binding protein, Filamin 1, Filamin A alpha actin binding protein 280, Filamin A, Filamin-1, Filamin-A, FLN, FLN-A, FLN1, FLNA, FLNA_HUMAN, FMD, MNS, NHBP, Non muscle filamin, Non-muscle filamin, OPD, OPD1, OPD2. Background: Caldesmon, Filamin 1, Nebulin and Villin are differentially expressed and regulated Actin binding proteins. Both muscular (CDh) and non-muscular (CDI) forms of Caldesmon have been identified and each has been shown to bind to Actin as well as to calmodulin and Myosin. CDh is expressed predominantly on thin filaments in smooth muscle, whereas CDI is widely expressed in non-muscle tissues and cells. Filamin 1, which is ubiquitously expressed and exists as a homodimer, functions to crosslink Actin to filaments. Nebulin is a large filamentous protein specific to muscle tissue that may function as a ruler for filament length. Several isoforms of Nebulin are produced by alternative exon usage. Villin is Ca²⁺-regulated and is the major structural component of the brush border of absorptive cells.
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Gene ID:	2316
Pathways:	TCR Signaling , Maintenance of Protein Location

Application Details

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

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish

Handling

	peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months