

Datasheet for ABIN2789843
anti-FLNC antibody (N-Term)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µL
Target:	FLNC
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FLNC antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human FLNC
Sequence:	VGKSADFFVE AIGTEVGTLG FSIEGPSQAK IECDDKGDGS CDVRYWPTEP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against FLNC. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FLNC
Alternative Name:	FLNC (FLNC Products)

Target Details

Background:	<p>This gene encodes one of three related filamin genes, specifically gamma filamin. These filamin proteins crosslink actin filaments into orthogonal networks in cortical cytoplasm and participate in the anchoring of membrane proteins for the actin cytoskeleton. Three functional domains exist in filamin: an N-terminal filamentous actin-binding domain, a C-terminal self-association domain, and a membrane glycoprotein-binding domain. Two transcript variants encoding different isoforms have been found for this gene.</p> <p>Alias Symbols: ABP-280, ABP280A, ABPA, ABPL, FLJ10186, FLN2</p> <p>Protein Interaction Partner: RAPGEF2, TRIM63, TRIM55, XIRP1, XIRP2, SYNPO2, UBC, KCMF1, CTTNBP2NL, ANKRD28, ARFGEF2, NCAPD2, TXNL1, PSMD13, PSMD12, PSMD3, NUP88, IKBKB, FLNB, AP3S1, NPM1, IGSF8, FN1, IQCB1, TP63, VCAM1, RPS6KA2, DYNLRB1, NUP133, SAP30BP, SF3A3, SRSF9, ENO1, EEF1G, EE</p> <p>Protein Size: 2692</p>
Molecular Weight:	296 kDa
Gene ID:	2318
NCBI Accession:	NM_001127487 , NP_001120959
UniProt:	Q14315

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 2692 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.

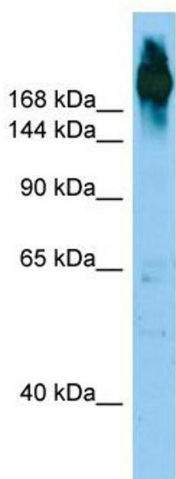
Handling

Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:	Begay, Tharp, Martin, Graw, Sinagra, Miani, Sweet, Slavov, Stafford, Zeller, Alnefaie, Rowland, Brun, Jones, Gowan, Mestroni, Garrity, Taylor: "FLNC Gene Splice Mutations Cause Dilated Cardiomyopathy." in: JACC. Basic to translational science , Vol. 1, Issue 5, pp. 344-359, (2016) (PubMed).
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Images



Western Blotting

Image 1. WB Suggested Anti-FLNC Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell