

Datasheet for ABIN7464344  
**anti-Filamin A antibody (N-Term)**



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## Overview

|                      |                                          |
|----------------------|------------------------------------------|
| Quantity:            | 100 µL                                   |
| Target:              | Filamin A (FLNA)                         |
| Binding Specificity: | N-Term                                   |
| Reactivity:          | Human                                    |
| Host:                | Rabbit                                   |
| Clonality:           | Polyclonal                               |
| Conjugate:           | This Filamin A antibody is un-conjugated |
| Application:         | Western Blotting (WB)                    |

## Product Details

|                   |                                                                                                                                 |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Immunogen:        | Recombinant protein encompassing a sequence within the N-terminus region of human Filamin A. The exact sequence is proprietary. |
| Isotype:          | IgG                                                                                                                             |
| Cross-Reactivity: | Human                                                                                                                           |
| Purification:     | Purified by antigen-affinity chromatography.                                                                                    |

## Target Details

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| Target:           | Filamin A (FLNA)                                                                              |
| Alternative Name: | filamin A ( <a href="#">FLNA Products</a> )                                                   |
| Background:       | Filamin A , ABP-280 , ABPX , CSBS , CVD1 , FGS2 , FLN , FLN-A , FLN1 , FMD , MNS , NHBP , OPD |

## Target Details

, OPD1 , OPD2 , XLVD , XMVD, The protein encoded by this gene is an actin-binding protein that crosslinks actin filaments and links actin filaments to membrane glycoproteins. The encoded protein is involved in remodeling the cytoskeleton to effect changes in cell shape and migration. This protein interacts with integrins, transmembrane receptor complexes, and second messengers. Defects in this gene are a cause of several syndromes, including periventricular nodular heterotopias (PVNH1, PVNH4), otopalatodigital syndromes (OPD1, OPD2), frontometaphyseal dysplasia (FMD), Melnick-Needles syndrome (MNS), and X-linked congenital idiopathic intestinal pseudoobstruction (CIIPX). Two transcript variants encoding different isoforms have been found for this gene.

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Molecular Weight: | 281 kDa                                                                         |
| Gene ID:          | 2316                                                                            |
| UniProt:          | <a href="#">P21333</a>                                                          |
| Pathways:         | <a href="#">TCR Signaling</a> , <a href="#">Maintenance of Protein Location</a> |

## Application Details

|                    |                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.<br>Not tested in other applications. |
| Comment:           | Positive Control: A431<br>Validation: Orthogonal                                                                                |
| Restrictions:      | For Research Use only                                                                                                           |

## Handling

|                    |                                                                                                                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                                                                                                        |
| Concentration:     | 1 mg/mL                                                                                                                                                                                       |
| Buffer:            | 1XPBS ( pH 7), 1 % BSA, 20 % Glycerol, 0.01 % Thimerosal                                                                                                                                      |
| Preservative:      | Thimerosal (Merthiolate)                                                                                                                                                                      |
| Precaution of Use: | This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                            |
| Storage:           | 4 °C,-20 °C                                                                                                                                                                                   |
| Storage Comment:   | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid |

multiple freeze-thaw cycles.