

[Go to Product page](#)

## Datasheet for ABIN6991102 **anti-FKBP15 antibody (N-Term)**

### Overview

Quantity:	0.1 mg
Target:	FKBP15
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP15 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Immunogen:	FKBP15 antibody was raised against a 15 amino acid synthetic peptide from near the amino terminus of human FKBP15. The immunogen is located within amino acids 30 - 80 of FKBP15.
Isotype:	IgG
Purification:	FKBP15 Antibody is affinity chromatography purified via peptide column.

### Target Details

Target:	FKBP15
Alternative Name:	FKBP15 ( <a href="#">FKBP15 Products</a> )
Background:	FKBP15 Antibody: FKBP15, also known as FKBP133, is a member of the FK506-binding protein family, a group of proteins initially identified as immunophilins, targets for the

## Target Details

immunosuppressant drugs FK506 and Rapamycin. FKBP15 is expressed in the developing nervous system and contains a domain similar to Wiskott-Aldrich syndrome protein homology region 1 (WH1) in addition to the FK506-binding protein motif. FKBP15 is distributed along the axonal shafts and partially co-localizes with F-actin in the growth cones of dorsal root ganglion neurons, overexpression of FKBP15 resulted in the number of filopodia in transfected neurons, suggesting that FKBP15 modulates growth cone behavior. FKBP15 has also been shown to associate with both microtubules and the actin filament systems and disruption of its expression by RNAi resulted in delayed transport of early endosomes in HeLa cells indicating that FKBP15 is also involved in the transport of early endosomes. At least three isoforms of FKBP15 are known to exist.

Gene ID: 23307

NCBI Accession: [NP\\_056073](#)

UniProt: [Q5T1M5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

## Application Details

Application Notes: FKBP15 antibody can be used for detection of FKBP15 by Western blot at 1 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in mouse samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: FKBP15 Antibody is supplied in PBS containing 0.02 % sodium azide.

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

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Storage:	-20 °C, 4 °C
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Storage Comment:	FKBP15 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
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