



[Go to Product page](#)

Datasheet for ABIN2787694

anti-FKBP2 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	FKBP2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP2 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 FKBP2
Sequence:	RLSWFRVLTV LSICLSAVAT ATGAEGKRKL QIGVKKRVDH CPIKSRKGDV
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against FKBP2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FKBP2
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Target Details

Alternative Name: [FKBP2 \(FKBP2 Products\)](#)

Background: FKBP2 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. Multiple alternatively spliced variants, encoding the same protein, have been identified. The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It is thought to function as an ER chaperone and may also act as a component of membrane cytoskeletal scaffolds. This gene has two alternatively spliced transcript variants that encode the same isoform. Multiple polyadenylation sites have been described for this gene, but the full length nature of this gene has not been determined.

Alias Symbols: FKBP-13, PPlase

Protein Interaction Partner: UBQLN1, RAB3C, VAMP2, RAB6A, UBC, BARD1, UBQLN4, PTGES3, RAP2A, MAPK3, ARFGEF1, EPB41L2, BAG6, EPB41, C1QC, ARFGEF2, CDKN2A,

Protein Size: 142

Molecular Weight: 16 kDa

Gene ID: 2286

NCBI Accession: [NM_004470](#), [NP_004461](#)

UniProt: [P26885](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 142 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 %

Handling

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.

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.

Images



Western Blotting

Image 1. WB Suggested Anti-FKBP2 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: 721_B cell lysate