

Datasheet for ABIN2785798
anti-FKBP3 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	FKBP3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Rabbit, Dog, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FKBP3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human FKBP3
Sequence:	EALLTMSKGE KARLEIEPEW AYGKKGQPD A KIPPNAKLTF EVELVDID
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against FKBP3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FKBP3
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Target Details

Alternative Name:	FKBP3 (FKBP3 Products)
Background:	<p>FKBP3 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP3 is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin. 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 has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin.</p> <p>Alias Symbols: FKBP-25, PPlase, FKBP-3, FKBP25</p> <p>Protein Interaction Partner: UBC, EDC4, IGF2BP3, SYNCRIP, SEC16A, EIF2B2, EIF2B3, DYNLL1, RFC4, YBX1, NMT1, KRT18, ILF2, HNRNPU, HNRNPA2B1, DDX1, ABCF1, MAP1S, C14orf166, DIMT1, NELFB, SRPK1, FBXO25, BARD1, MYH10, PACSIN3, LRRFIP1, TIMELESS, Nedd4, NEDD4L, CALM1, HDAC2, HDAC1, YY1, C</p> <p>Protein Size: 224</p>
Molecular Weight:	25 kDa
Gene ID:	2287
NCBI Accession:	NM_002013 , NP_002004
UniProt:	Q00688

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 224 AA
Restrictions:	For Research Use only

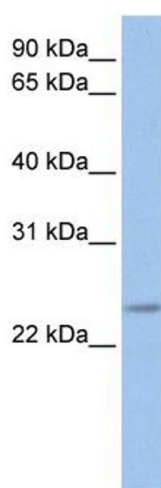
Handling

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-FKBP3

Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:12500

Positive Control: Jurkat cell lysate

FKBP3 is supported by BioGPS gene expression data to be expressed in Jurkat



Western Blotting

Image 2. WB Suggested Anti-FKBP3 Antibody Titration:

0.2-1 µg/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate