

Datasheet for ABIN2785130
anti-FBXO32 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	FBXO32
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio), Sheep
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO32 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 FBXO32
Sequence:	QQQLNNIQIT RPAFKGLTFT DLPLCLQLNI MQRSLSDGRDL VSLGQAAPDL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against FBXO32. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FBXO32
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Target Details

Alternative Name:	FBXO32 (FBXO32 Products)
Background:	<p>This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of the ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbxs class and contains an F-box domain. This protein is highly expressed during muscle atrophy, whereas mice deficient in this gene were found to be resistant to atrophy. This protein is thus a potential drug target for the treatment of muscle atrophy. Alternative splicing of this gene results in two transcript variants encoding two isoforms of different sizes.</p> <p>Alias Symbols: FLJ32424, Fbx32, MAFbx, MGC33610</p> <p>Protein Interaction Partner: UBC, MLH1, Mutyh, UBE2D3, KHDRBS3, SERPINB5, CDC34, DUSP1, FBXO25, MYBPC3, CDKN1A, EIF3F, SKP1, EIF3A,</p> <p>Protein Size: 210</p>
Molecular Weight:	25 kDa
Gene ID:	114907
NCBI Accession:	NM_148177 , NP_680482
UniProt:	Q0VAQ6

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 210 AA
Restrictions:	For Research Use only

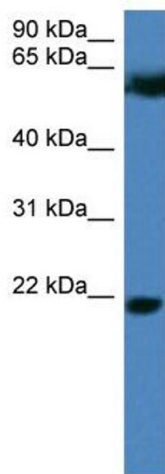
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Handling

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



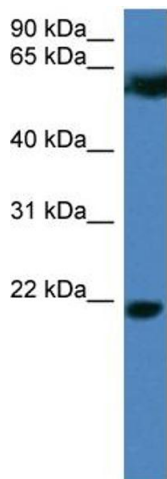
Western Blotting

Image 1. WB Suggested Anti-FBXO32 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Jurkat cell lysate



Rabbit Anti-FBXO32 Antibody
Catalog Number: ARP52865
Lot Number: QC26883
Lane: Jurkat Cell Lysate

Antibody Titration: 1.0µg/ml
Gel Concentration: 12%

Western Blotting

Image 2. WB Suggested Anti-FBXO32

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

Positive Control: Jurkat cell lysate