

Datasheet for ABIN2774689
anti-FBXL5 antibody (Middle Region)

2 Images

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Overview

Quantity:	100 µL
Target:	FBXL5
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXL5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FBXL5
Sequence:	VHWARGDWYS GPATELDTEP DDEWVKNRKD ESRAFHEWDE DADIDEESES
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 79%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against FBXL5. It was validated on Western Blot and immunohistochemistry.
Purification:	Protein A purified

Target Details

Target:	FBXL5
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Target Details

Alternative Name: FBXL5 ([FBXL5 Products](#))

Background: FBXL5 is 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 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. FBXL5 belongs to the Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats. 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 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 Fbls class and, in addition to an F-box, contains several tandem leucine-rich repeats. Alternative splicing of this gene generates 2 transcript variants.

Alias Symbols: FBL4, FBL5, FLR1

Protein Interaction Partner: NABP2, CUL1, SNAI1, SKP1, FBXL5, HERC2, UBC, IREB2, ACO1, RBX1, MUS81, MMS19, FAM96B, ORC4, EP300, SMURF1, BTG1, COPS5, PLK1, CSNK2B, DCTN1,

Protein Size: 691

Molecular Weight: 76 kDa

Gene ID: 26234

NCBI Accession: [NM_012161](#), [NP_036293](#)

UniProt: [Q9UKA1](#)

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

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

Comment: Antigen size: 691 AA

Restrictions: For Research Use only

Handling

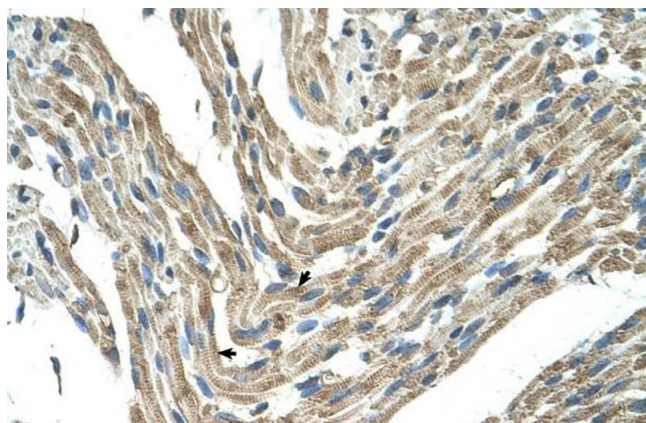
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained 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-FBXL5 Antibody Titration:
5.0ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Human Muscle