Datasheet for ABIN2774089

anti-FBXO22 antibody (Middle Region)

1 Image

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Overview

Quantity:	100 µL
Target:	FBXO22
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Rat, Dog, Horse, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO22 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FBXO22
Sequence:	CCKVGASNYL QQVVSTFSDM NIILAGGQVD NLSSLTSEKY VLCASDFVCE
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 79%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against FBXO22. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FBXO22

Target Details

Alternative Name:	FBXO22 (FBXO22 Products)
Background:	FBXO22 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 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. FBXO22 belongs to the Fbxs class. Two transcript variants encoding different isoforms exist for this gene.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. Two transcript variants encoding different isoforms exist for this gene. Alias Symbols: FBX22, FLJ13986, MGC31799, FISTC1 Protein Interaction Partner: Srr, UBC, CUL1, SKP1, NEDD8, COPS5, COPS6, RBX1, Protein Size: 276
Molecular Weight:	30 kDa
Gene ID:	26263
NCBI Accession:	NM_012170, NP_036302
UniProt:	Q8NEZ5
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 276 AA
Restrictions:	For Research Use only

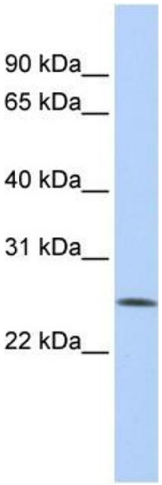
Handling

Format:	Liquid

Handling

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-FBXO22 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: HepG2 cell lysate