Datasheet for ABIN2774788

anti-FBXO11 antibody (Middle Region)

3 Images

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Overview

Quantity:	100 µL
Target:	FBXO11
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Horse, Zebrafish (Danio rerio), Rabbit, Dog, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO11 antibody is un-conjugated
Application:	Western Blotting (WB), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human FBXO11
Sequence:	HDVEFIRHDR FFCDCGAGTL SNPCTLAGEP THDTDTLYDS APPIESNTLQ
Predicted Reactivity:	Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against FBXO11. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FBXO11

Target Details

Alternative Name:	FBXO11 (FBXO11 Products)
Background:	FBXO11 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. The protein encoded by this gene belongs to the Fbxs class. Alternatively spliced transcript variants encoding distinct isoforms have been identified for FBXO11.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 Fbxs class. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene. Alias Symbols: FBX11, FLJ12673, MGC44383, PRMT9, UG063H01, VIT1, UBR6 Protein Interaction Partner: SKP1, ERN1, DTL, CUL1, EED, UBC, NEDD8, COPS5, COPS6, ELAVL1, USP16, HDAC6, BCL6, RBX1, TP53, Protein Size: 843
Molecular Weight:	94 kDa
Gene ID:	80204
NCBI Accession:	NM_025133, NP_079409
UniProt:	Q6DF73
Pathways:	Sensory Perception of Sound

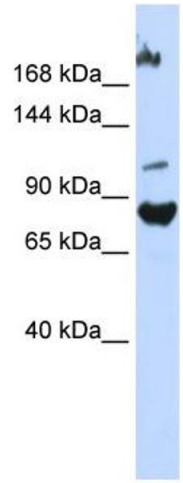
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 843 AA
Restrictions:	For Research Use only

Handling

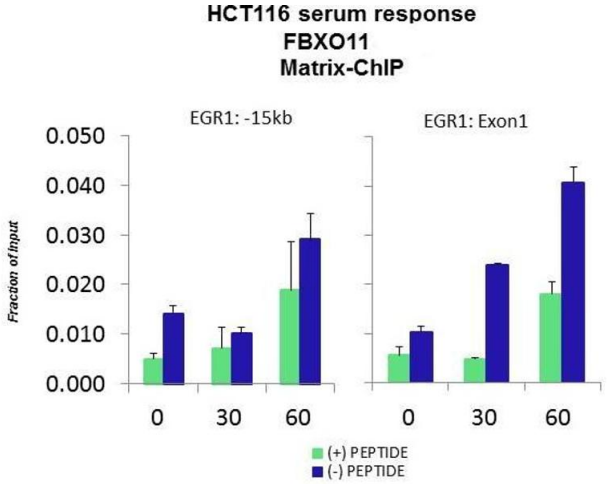
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained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



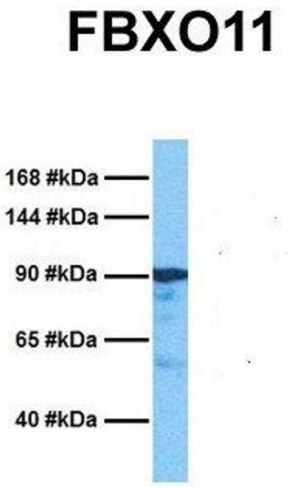
Western Blotting

Image 1. WB Suggested Anti-FBXO11 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate FBXO11 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



Chromatin Immunoprecipitation

Image 2. Quiescent human colon carcinoma HCT116 cultures were treated with 10% FBS for three time points (0, 15, 30min) or (0, 30, 60min) were used in Matrix-ChIP and real-time PCR assays at EGR1 gene (Exon1) and 15kb upstream site.



Western Blotting

Image 3. Host: Rabbit Target Name: FBXO11 Sample Tissue: Human Ovary Tumor Antibody Dilution: 1.0ug/ml