

Datasheet for ABIN2774725
anti-FBXO21 antibody (N-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	FBXO21
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Guinea Pig, Cow, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXO21 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human FBXO21
Sequence:	KEQFRVRWPS LMKHYSPTDY VNWLEEYKVR QKAGLEARKI VASFSKRFFS
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Yeast: 100%
Characteristics:	This is a rabbit polyclonal antibody against FBXO21. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	FBXO21
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Target Details

Alternative Name:	FBXO21 (FBXO21 Products)
Background:	<p>FBXO21 contains 1 F-box domain. It is a substrate-recognition component of the SCF (SKP1-CUL1-F-box protein)-type E3 ubiquitin ligase complex. 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. Alternative splicing of this gene generates 2 transcript variants.</p> <p>Alias Symbols: DKFZp434G058, FBX21, FLJ90233, KIAA0875, MGC26682</p> <p>Protein Interaction Partner: TP53, CDKN1A, SUMO1, SMURF1, NEDD8, UBC, COPS5, COPS6, CUL1, ELAVL1, CNTNAP4, TERF2, TERF1,</p> <p>Protein Size: 621</p>
Molecular Weight:	71 kDa
Gene ID:	23014
NCBI Accession:	NM_015002 , NP_055817
UniProt:	O94952

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 621 AA
Restrictions:	For Research Use only

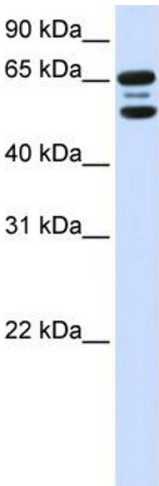
Handling

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

Handling

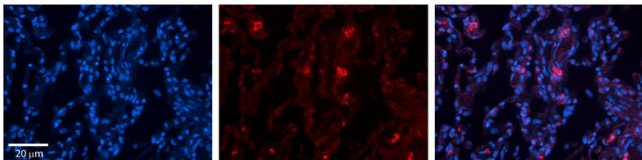
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Validation report #100039 for Immunocytochemistry (ICC)



Western Blotting

Image 1. WB Suggested Anti-FBXO21 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate FBXO21 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



Immunohistochemistry

Image 2. Rabbit Anti-FBXO21 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Membrane and cytoplasmic in alveolar type I cells Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec