



Datasheet for ABIN2782955
anti-FBXW7 antibody (C-Term)



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7 Images

1 Publication

Overview

Quantity:	100 µL
Target:	FBXW7
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Dog, Zebrafish (Danio rerio), Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FBXW7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of Human FBXW7
Sequence:	LKTGEFIRNL VTLESGGSGG VVWRIRASNT KLVCAVGSRN GTEETKLLVL
Predicted Reactivity:	Cow: 100%, 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 FBXW7. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	FBXW7
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Target Details

Alternative Name: [FBXW7 \(FBXW7 Products\)](#)

Background: FBXW7 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. This protein binds directly to cyclin E and probably targets cyclin E for ubiquitin-mediated degradation. Mutations in FBXW7 gene are detected in ovarian and breast cancer cell lines, implicating the gene's potential role in the pathogenesis of human cancers.

Alias Symbols: AGO, CDC4, FBW6, FBW7, FBX30, FBXO30, FBXW6, SEL-10, SEL10, hAgo, hCdc4
Protein Interaction Partner: MCL1, CDC34, CCNE1, FBXW7, CUL1, UBE2D1, PIN1, DAB2IP, YAP1, SKP1, MAP4K1, EYA1, KLF5, SREBF1, NOTCH1, UBE2QL1, Creb3I2, Creb3I1, SIC1, CSF3R, KLF2, NCOA3, PTEN, NFE2L1, HSP90AA1, MED11, MED19, MED8, MED30, MED10, MED28, MED29, MED9, MED15, MED31, MED4, M

Protein Size: 707

Molecular Weight: 80 kDa

Gene ID: 55294

NCBI Accession: [NM_001013415](#), [NP_001013433](#)

Pathways: [Notch Signaling](#), [EGFR Signaling Pathway](#)

Application Details

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

Comment: Antigen size: 589 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.

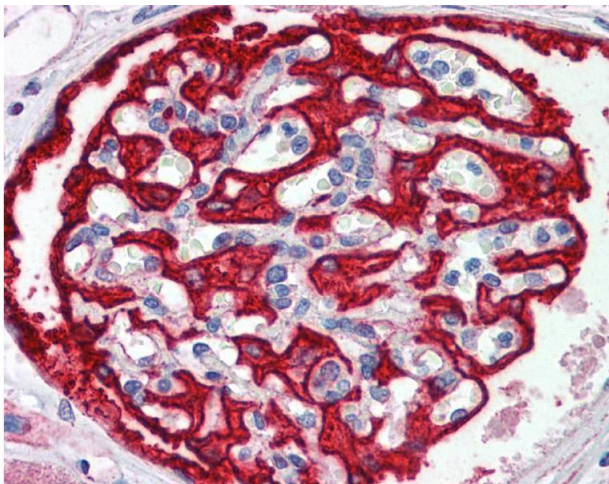
Handling

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.

Publications

Product cited in:	Craxton: "Evolutionary genomics of plant genes encoding N-terminal-TM-C2 domain proteins and the similar FAM62 genes and synaptotagmin genes of metazoans." in: BMC genomics , Vol. 8, pp. 259, (2007) (PubMed).
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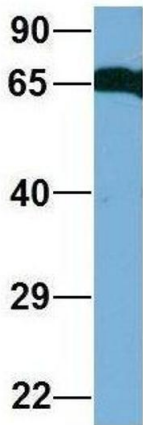
Images



Immunohistochemistry

Image 1.

FBXW7



Western Blotting

Image 2. Host: Rabbit Target Name: GNAS Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. WB Suggested Anti-FBXW7 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate FBXW7 is supported by BioGPS gene expression data to be expressed in Jurkat

Please check the [product details page](#) for more images. Overall 7 images are available for ABIN2782955.