

Rabbit anti-Human FBXO28 Polyclonal Antibody | anti-FBXO28 antibody

Anti-FBXO28 Antibody, Rabbit Polyclonal

CATALOG # AAA254891	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunocytochemistry, Western Blot
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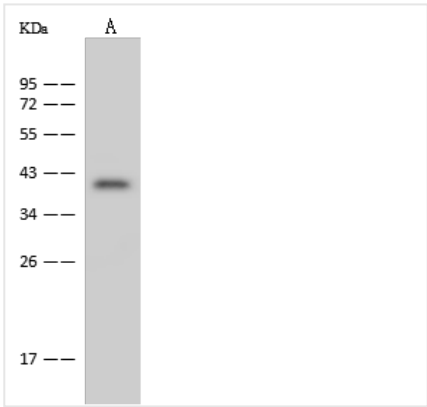
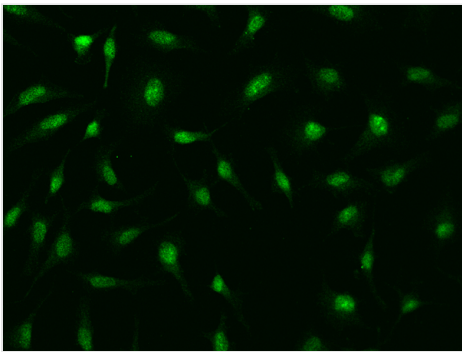
PRODUCT SYNONYMS

FBXO28; Polyclonal Antibody; Anti-FBXO28 Antibody; Rabbit Polyclonal; FBXO28 Antibody; Rabbit PAb; Antigen Affinity Purified; Anti-CENP-30 Antibody; anti-FBXO28 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human FBXO28
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-FBXO28 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the C-terminus of the Human FBXO28
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the C-terminus of the Human FBXO28, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of FBXO28 in HeLa cells. Cells were fixed with 4% PFA, permeabilized with 0.1% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-Human FBXO28 polyclonal antibody (dilution ratio 1:1000) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Nucleus.

WB (Western Blot)
Anti-FBXO28 rabbit polyclonal antibody at 1:500 dilutionLane A: Hela Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:41 kDaObserved band size:41 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FBXO28 antibody	The F-box protein is the substrate recognition subunit of SCF (SKP1/CUL1/F-box) E3 ubiquitin ligase complex, a multicomponent RING-type E3 ligase involved in the regulation of numerous cellular processes by targeting critical regulatory proteins for ubiquitination. F-box protein 28 (FBXO28), a substrate-recruiting component of the Skp1-Cul1-F-box (SCF) ligase complex, is a regulator of pancreatic beta-cell survival. FBXO28 is an important nuclear F-box protein. FBXO28 is involved in cell cycle regulation and required for appropriate mitotic progression. Loss of FBXO28 results in metaphase to anaphase progression delay, which then leads to several mitotic defects like lagging chromosomes, multipolar spindles and multi-nucleation.
References	Yu T, et al. (2019) Sublytic c5b-9 induces proliferation of glomerular mesangial cells via erk5/mzf1/rgc-32 axis activated by fbxo28-traf6 complex. J Cell Mol Med 23 (8): 5654-5671.Gorrepati KDD, et al. (2018) An scf(fbxo28) e3 ligase protects pancreatic beta-cells from apoptosis. Int J Mol Sci 19 (4): 975.Cai L, et al. (2020) Scf(fbxo28)-mediated self-ubiquitination of fbxo28 promotes its degradation. Cell Signal 65 109440.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7662158
NCBI GeneID	23219
NCBI Accession #	NP_055991
NCBI GenBank Nucleotide #	NM_015176
UniProt Accession #	Q9NVF7; O75070; E9PEM8
Molecular Weight	19,747 Da
NCBI Official Full Name	F-box only protein 28 isoform a
NCBI Official Synonym Full Names	F-box protein 28
NCBI Official Symbol	FBXO28
NCBI Official Synonym Symbols	Fbx28; CENP-30
NCBI Protein Information	F-box only protein 28; centromere protein 30
UniProt Protein Name	F-box only protein 28
UniProt Gene Name	FBXO28
UniProt Synonym Gene Names	KIAA0483

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/fbxo28-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/254891>