

Rabbit anti-Human FBXO9 Polyclonal Antibody | anti-FBXO9 antibody

FBXO9 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233118	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

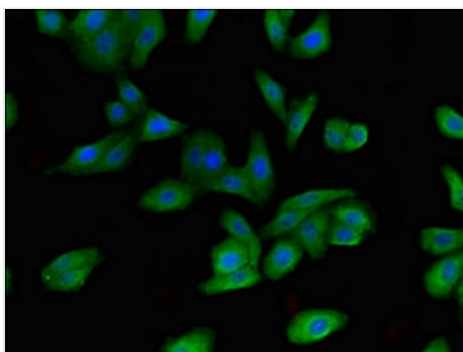
PRODUCT SYNONYMS

FBXO9; Polyclonal Antibody; FBXO9 Antibody; F-box only protein 9; Cross-immune reaction antigen 1; Renal carcinoma antigen NY-REN-57; FBX9; VCIA; anti-FBXO9 antibody

PRODUCT SPECIFICATIONS

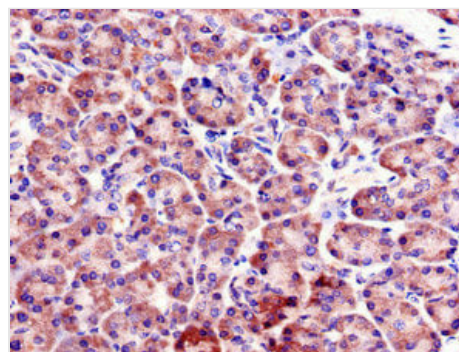
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	447
Applicable Applications for anti-FBXO9 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human F-box only protein 9 protein (12-311AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-242808
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233118 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human pancreatic tissue using AAA233118 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-FBXO9 antibody	Substrate recognition component of a SCF (SKP1-CUL1-F-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of TTI1 and TEO2 in a CK2-dependent manner, thereby directly regulating mTOR signaling. SCF(FBXO9) recognizes and binds mTORC1-bound TTI1 and TEO2 when they are phosphorylated by CK2 following growth factor deprivation, leading to their degradation. In contrast, the SCF(FBXO9) does not mediate ubiquitination of TTI1 and TEO2 when they are part of the mTORC2 complex. As a consequence, mTORC1 is inactivated to restrain cell growth and protein translation, while mTORC2 is activated due to the relief of feedback inhibition by mTORC1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6912546
NCBI GeneID	26268
NCBI Accession #	NP_036479.1
NCBI GenBank Nucleotide #	NM_012347.4
UniProt Accession #	Q9UK97; O75986; Q59EH8; Q6PKH7; Q9NT57; Q9Y593; A6NFW3; B3KMM6
Molecular Weight	47,361 Da
NCBI Official Full Name	F-box only protein 9 isoform 1
NCBI Official Synonym Full Names	F-box protein 9
NCBI Official Symbol	FBXO9
NCBI Official Synonym Symbols	FBX9; VCIA1; NY-REN-57; dJ341E18.2
NCBI Protein Information	F-box only protein 9
UniProt Protein Name	F-box only protein 9
UniProt Gene Name	FBXO9
UniProt Synonym Gene Names	FBX9; VCIA1
UniProt Entry Name	FBX9_HUMAN

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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