

Rabbit anti-Human PUF60 Polyclonal Antibody | anti-PUF60 antibody

PUF60 Antibody

CATALOG # AAA233087	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

PUF60; Polyclonal Antibody; PUF60 Antibody; Poly(U)-binding-splicing factor PUF60; 60 kDa poly(U)-binding-splicing factor; FUSE-binding protein-interacting repressor; FBP-interacting repressor; Ro-bind; FIR; ROBPI; SIAHBP1; anti-PUF60 antibody

PRODUCT SPECIFICATIONS

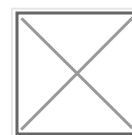
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	516
Applicable Applications for anti-PUF60 antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Human Poly(U)-binding-splicing factor PUF60 protein (302-413AA)
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-11097 / sc-133583
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



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233087 at dilution of 1:100



WB (Western Blot)

Western BlotPositive WB detected in:Hela whole cell lysate,MCF-7 whole cell lysateAll lanes: PUF60 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 60,59,56,55,58 kDaObserved band size: 60 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-PUF60 antibody	DNA- and RNA-binding protein, involved in several nuclear processes such as pre-mRNA splicing, apoptosis and transcription regulation. In association with FUBP1 regulates MYC transcription at the P2 promoter through the core-TFIIH basal transcription factor. Acts as a transcriptional repressor through the core-TFIIH basal transcription factor. Represses FUBP1-induced transcriptional activation but not basal transcription. Decreases ERCC3 helicase activity. Does not repress TFIIH-mediated transcription in xeroderma pigmentosum complementation group B (XPB) cells. Is also involved in pre-mRNA splicing. Promotes splicing of an intron with weak 3'-splice site and pyrimidine tract in a cooperative manner with U2AF2. Involved in apoptosis induction when overexpressed in HeLa cells. Isoform 6 failed to repress MYC transcription and inhibited FIR-induced apoptosis in colorectal cancer. Isoform 6 may contribute to tumor progression by enabling increased MYC expression and greater resistance to apoptosis in tumors than in normal cells. Modulates alternative splicing of several mRNAs. Binds to relaxed DNA of active promoter regions. Binds to the pyrimidine tract and 3'-splice site regions of pre-mRNA; binding is enhanced in presence of U2AF2. Binds to Y5 RNA in association with TROVE2. Binds to poly(U) RNA.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862867
NCBI GeneID	22827
NCBI Accession #	NP_001129505.1
NCBI GenBank Nucleotide #	NM_001136033.2
UniProt Accession #	Q9UHX1; Q969E7; Q96D94; Q96H63; Q99628; Q9NZA0; Q9UJY7; A8K8K8
Molecular Weight	55,399 Da
NCBI Official Full Name	poly(U)-binding-splicing factor PUF60 isoform c
NCBI Official Synonym Full Names	poly(U) binding splicing factor 60
NCBI Official Symbol	PUF60
NCBI Official Synonym Symbols	FIR; VRJS; RoBPI; SIAHBP1
NCBI Protein Information	poly(U)-binding-splicing factor PUF60
UniProt Protein Name	Poly(U)-binding-splicing factor PUF60
UniProt Gene Name	PUF60
UniProt Synonym Gene Names	FIR; ROBPI; SIAHBP1; FBP-interacting repressor; RoBP1; Siah-BP1
UniProt Entry Name	PUF60_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.