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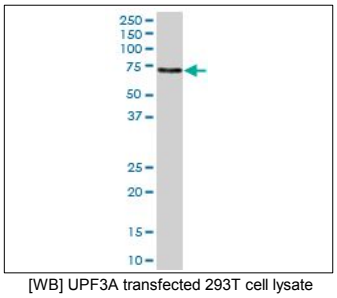
KB555

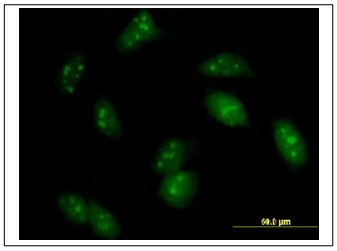
For research use only

Anti Human UPF3A Polyclonal Antibody

Code No.	KB555
Terget	UPF3A
Category	Others
Gene ID	65110
Primary Source	HGNC:20332
Synonyms	UPF3; HUPF3A; RENT3A; UPF3A
Type	Polyclonal Antibody
Immunogen	Recombinant protein of full length Human UPF3A
Raised in	Mouse
Myeloma	-
Clone number	-
Purification	Protein A purified
Source	Mouse Serum
Isotype	-
Cross Reactivity	-
Label	Unlabeled
Concentration	0.5 mg/mL
Contents (Volume)	50 µg
Buffer	PBS, pH 7.2
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	WB,IF



[WB] UPF3A transfected 293T cell lysate


[IF] HeLa cell

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	10	-

(µg/mL)

Reference

1. Lykke-Andersen J., et al. "Human Upf proteins target an mRNA for nonsense-mediated decay when bound downstream of a termination codon." Cell 103:1121-1131(2000)
2. Dunham A., et al. "The DNA sequence and analysis of human chromosome 13." Nature 428:522-528(2004)
3. Serin G., et al. "Identification and characterization of human orthologues to Saccharomyces cerevisiae Upf2 protein and Upf3 protein (Caenorhabditis elegans SMG-4)." Mol. Cell. Biol. 21:209-223(2001)

UniPlot Summary

//Function: Part of a multiprotein post-splicing mRNP complex involved in both mRNA nuclear export and mRNA surveillance. Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Binds spliced mRNA upstream of exon-exon junctions.
//Subcellular location: Nucleus. Cytoplasm. Note: Shuttling between the nucleus and the cytoplasm.
//Tissue specificity: Isoform 1 is strongly expressed in testis, uterus, muscle, fetal brain and spinal cord. Isoform 2 is strongly expressed in fetal brain and spinal cord.
//Sequence similarities: Belongs to the RENT3 family.

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