

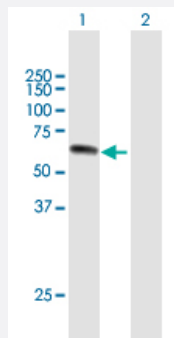
MaxPab®

UPF3A purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00065110-B01P

Size 50 ug

Applications

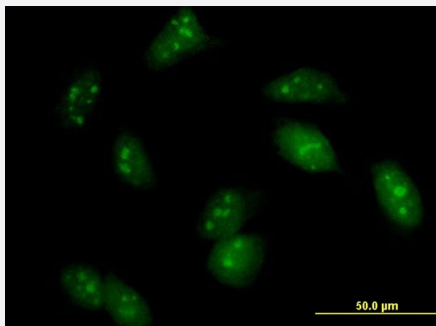


Western Blot (Transfected lysate)

Western Blot analysis of UPF3A expression in transfected 293T cell line ([H00065110-T01](#)) by UPF3A MaxPab polyclonal antibody.

Lane 1: UPF3A transfected lysate(48.73 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to UPF3A on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human UPF3A protein.

Immunogen

UPF3A (NP_542418.1, 1 a.a. ~ 443 a.a) full-length human protein.

Sequence

MRSEKEGAGGLRAAVAARGPSGREKLSALEVQFHRDSQQQEAETPPTSSSGCGGGAGKPREE
KRTALSKVIRRLPPGLTKEQLEEQRLPLPAHDYFEFFAADLSLYPHLYSRAYNFRNPDDILLFRD
RFDGYIFLDSKDPEYKKFLETYCVEEEKTSANPETLLGEMEAKTRELIARRTTPLLLEYIKNRKLEKQ
RREEKREERRRRELEKKRLREEEKRRRREEERCKKETDKQKKIAEKEVRIKLLKKPEKGEEPTT
EKPKERGEEDTGGGKQESCAPGAVVKARPMEGSLEEPQETSHSGSDKEHRDVERSQQEQESE
AQRYHVDDGRRHRAHHEPERLSRRSEDEQRWGKGPGQDRGKKGSQDSGAPGEAMERLGRAQ
RCDDSPAPRKERLANKDRPALQLYDPGARFRARECGGNRRICKAEGSGTGPEKREEAE

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to UPF3A on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — UPF3A

Entrez GeneID	65110
GeneBank Accession#	NM_080687.1
Protein Accession#	NP_542418.1
Gene Name	UPF3A
Gene Alias	HUPF3A, RENT3A, UPF3
Gene Description	UPF3 regulator of nonsense transcripts homolog A (yeast)
Omim ID	605530
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. The encoded protein is one of two functional homologs to yeast Upf3p. mRNA surveillance detects exported mRNAs with truncated open reading frames and initiates nonsense-mediated mRNA decay (NMD). When translation ends upstream from the last exon-exon junction, this triggers NMD to degrade mRNAs containing premature stop codons. This protein binds to the mRNA and remains bound after nuclear export, acting as a nucleocytoplasmic shuttling protein. It forms with Y14 a complex that binds specifically 20 nt upstream of exon-exon junctions. This gene is located on the long arm of chromosome 13. Two splice variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

OTTHUMP00000018789|UPF3 regulator of nonsense transcripts homolog A