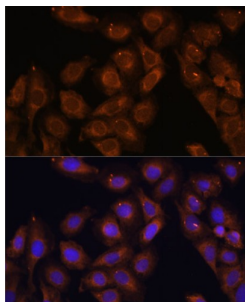


Regulator of Nonsense Transcripts 1 (UPF1) Antibody

Catalogue No.: abx001282



Immunofluorescence analysis of U-2 OS cells using UPF1 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

UPF1 Antibody is a Rabbit Polyclonal antibody against UPF1. This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both mRNA nuclear export and mRNA surveillance. 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 is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene. Alternative splicing results in multiple transcript variants.

Target:	Regulator of Nonsense Transcripts 1 (UPF1)
Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IF/ICC
Host:	Rabbit
Recommended dilutions:	IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	A synthetic peptide corresponding to human UPF1
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q92900 (UniProt , ExPASy)

Datasheet

Version: 4.0.0
Revision date: 06 Mar 2025



Gene Symbol: UPF1

GeneID: [5976](#)

NCBI Accession: NP_002902.2

KEGG: hsa:5976

String: [9606.ENSP00000470142](#)

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 1 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only