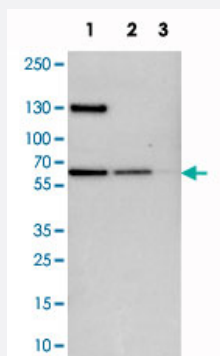


UPF3B polyclonal antibody

Catalog # PAB20087 Size 100 uL

Applications



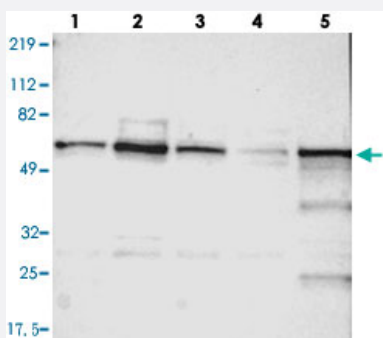
Western Blot (Cell lysate)

Western blot analysis of cell lysates with UPF3B polyclonal antibody (Cat # PAB20087) at 1:250-1:500 dilution.

Lane 1 : NIH/3T3

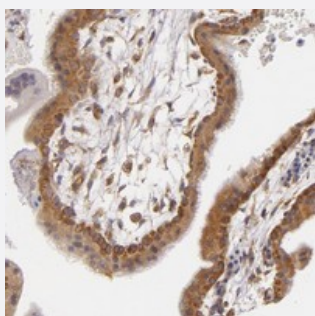
Lane 2 : NBT-II

Lane 3: PC-12



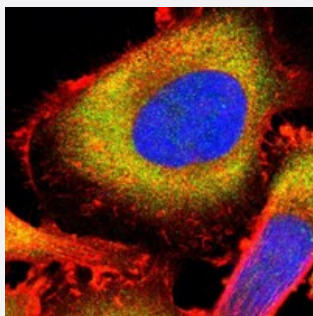
Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with UPF3B polyclonal antibody (Cat # PAB20087) at 1:250-1:500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human placenta with UPF3B polyclonal antibody (Cat # PAB20087) shows strong cytoplasmic positivity in trophoblastic cells at 1:200-1:500 dilution.



Immunofluorescence

Immunofluorescent staining of human cell line U-251 MG with UPF3B polyclonal antibody (Cat # PAB20087) at 1-4 ug/mL dilution shows positivity in cytoplasm.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant UPF3B.
Immunogen	Recombinant protein corresponding to amino acids of human UPF3B.
Sequence	AKKLDKENLSDERASGQSC TLPKRSDSELKDEKPKRPEDESGRDYREREREYERDQERILRERE RLKRQEEERRRQKERYEKEKTFKRKEEEMKKEKDTLRDKGKKAESTESIGSSEKTEKKEEVVKR DRIRNKDR
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:200-1:500) Western Blot (1:250-1:500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of cell lysates with UPF3B polyclonal antibody (Cat # PAB20087) at 1:250-1:500 dilution.

Lane 1 : NIH/3T3

Lane 2 : NBT-II

Lane 3: PC-12

- Western Blot

Western blot analysis of Lane 1: RT-4, Lane 2: U-251 MG, Lane 3: A-431, Lane 4: Liver, Lane 5: Tonsil with UPF3B polyclonal antibody (Cat # PAB20087) at 1:250-1:500 dilution.

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Gene Info — UPF3B

Entrez GeneID [65109](#)

Protein Accession# [Q9BZ17](#)

Gene Name UPF3B

Gene Alias HUPF3B, MRXS14, RENT3B, UPF3X

Gene Description UPF3 regulator of nonsense transcripts homolog B (yeast)

Omim ID [300298](#) [300676](#)

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 X. Two splice variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations OTTHUMP00000023923|OTTHUMP00000023924|UPF3 regulator of nonsense transcripts homolog B