

UPF3B Polyclonal Antibody

Catalog No: #28860

Package Size: #28860-1 50ul #28860-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

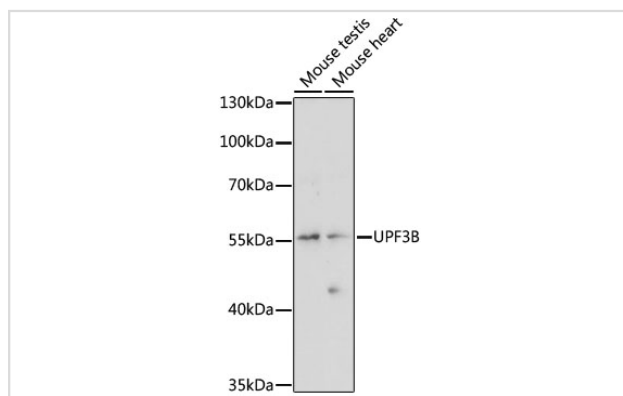
Description

Product Name	UPF3B Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Mouse
Immunogen Description	Recombinant fusion protein of human UPF3B (NP_075386.1).
Other Names	UPF3B; HUPF3B; MRX62; MRXS14; RENT3B; UPF3BP1; UPF3BP2; UPF3BP3; UPF3X; Upf3p-X; regulator of nonsense transcripts 3B
Accession No.	Swiss-Prot#:Q9BZI7NCBI Gene ID:65109
Uniprot	Q9BZI7
GeneID	65109;
Calculated MW	56kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

Application Details

WB□1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using UPF3B at 1:1000 dilution.

Background

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.

Note: This product is for in vitro research use only