

## Product datasheet for **TA359748**

### UPF3B Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human UPF3B
Specificity:	<b>Expected reactivity:</b> Human
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	53 kDa
Gene Name:	UPF3 regulator of nonsense transcripts homolog B (yeast)
Database Link:	<a href="#">NP_075386.1</a> <a href="#">Entrez Gene 65109 Human</a> <a href="#">Q9BZ17</a>



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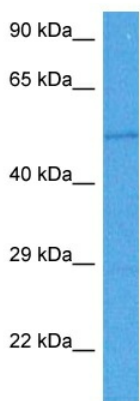
**Background:**

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.

**Synonyms:**

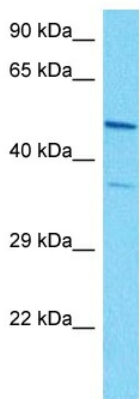
HUPF3B; hUpf3p-X; MRXS14; RENT3B; UPF3X

**Product images:**



Host: Rabbit  
 Target Name: UPF3B  
 Sample Type: Jurkat Cell Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: UPF3B  
 Sample Tissue: Human Jurkat Whole Cell lysates  
 Antibody Dilution: 1ug/ml



Host: Rabbit  
 Target Name: UPF3B  
 Sample Type: Jurkat Cell Lysate  
 Antibody Dilution: 1.0µg/ml

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