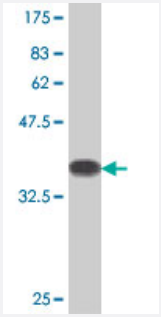
# UPF3A polyclonal antibody (A01)

Catalog # H00065110-A01 Size 50 uL

## Applications




Western Blot detection against Immunogen (36.45 KDa) .

## Specification

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|---|---|
| **Product Description** | Mouse polyclonal antibody raised against a partial recombinant UPF3A. |
| **Immunogen** | UPF3A (NP_075387, 382 a.a. ~ 475 a.a) partial recombinant protein with GST tag. |
| **Sequence** | SEDEQRWGKGPGQDRGKKGSQDSGAPGEAMERLGRAQRCDDSPAPRKERLANKDRPALQLY DPGARFRARECGGNRRICKAEGSGTGPEKREEA |
| **Host** | Mouse |
| **Reactivity** | Human |
| **Quality Control Testing** | Antibody Reactive Against Recombinant Protein.<br>Western Blot detection against Immunogen (36.45 KDa) . |
| **Storage Buffer** | 50 % glycerol |
| **Storage Instruction** | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

## Applications

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

## Gene Info — UPF3A

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|---|---|
| **Entrez GeneID** | 65110 |
| **GeneBank Accession#** | NM_023011 |
| **Protein Accession#** | NP_075387 |
| **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 |