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## Datasheet for ABIN7120629 **anti-UPF3B antibody**

### Overview

|              |  |
|--------------|--|
| Quantity:    | 100 µg   |
| Target:      | UPF3B  |
| Reactivity:  | Human, Mouse, Rat  |
| Host:        | Rabbit   |
| Clonality:   | Polyclonal   |
| Conjugate:   | This UPF3B antibody is un-conjugated                     |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC) |

### Product Details

|               |   |
|---------------|---|
| Immunogen:    | UPF3 regulator of nonsense transcripts homolog B(yeast) |
| Isotype:      | IgG   |
| Purification: | Immunogen affinity purified                             |
| Purity:       | ≥95 % as determined by SDS-PAGE                         |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | UPF3B  |
| Alternative Name: | UPF3B ( <a href="#">UPF3B Products</a> )   |
| Background:       | Synonyms:HUPF3B, hUpf3p X, MRXS14, RENT3B, UPF3B, UPF3X Background:Involved in nonsense-mediated decay(NMD) of mRNAs containing premature stop codons by associating with the nuclear exon junction complex(EJC) and serving as link between the EJC core and NMD machinery. Recruits UPF2 at the cytoplasmic side of the nuclear envelope and the |

## Target Details

subsequent formation of an UPF1-UPF2-UPF3 surveillance complex(including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. In cooperation with UPF2 stimulates both ATPase and RNA helicase activities of UPF1. Binds spliced mRNA upstream of exon-exon junctions. In vitro, stimulates translation, the function is independent of association with UPF2 and components of the EJC core.

Molecular Weight: 58 kDa

Gene ID: 65109

UniProt: [Q9BZL7](#)

## Application Details

Application Notes: WB: 1:500-1:5000, IHC:1:20-1:200

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months