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Datasheet for ABIN7451537
anti-UPF3B antibody (AA 433-483)

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µg |
| Target: | UPF3B |
| Binding Specificity: | AA 433-483 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This UPF3B antibody is un-conjugated |
| Application: | Immunoprecipitation (IP) |

Product Details

| | |
|---------------|---|
| Purpose: | Rabbit anti-UPF3B Antibody, Affinity Purified |
| Immunogen: | Between AA 433 and 483 |
| Isotype: | IgG |
| Purification: | Affinity Purified |

Target Details

| | |
|-------------------|---|
| Target: | UPF3B |
| Alternative Name: | UPF3B (UPF3B Products) |
| Background: | Background: UPF3B (UPF regulator of nonsense transcripts homolog B) is involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons by associating |

Target Details

with the nuclear exon junction complex (EJC) and serving as link between the EJC core and NMD machinery. UPF3B recruits UPF2 at the cytoplasmic side of the nuclear envelope and the 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, UPF3B stimulates both ATPase and RNA helicase activities of UPF1 [taken from the Universal Protein Resource (UniProt) Q9BZI7].

Gene ID: 65109

NCBI Accession: [NP_542199](#)

UniProt: [Q9BZI7](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months