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Datasheet for ABIN7120628 anti-UPF3A antibody

Overview

Quantity:	100 µg
Target:	UPF3A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UPF3A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

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

Target Details

Target:	UPF3A
Alternative Name:	UPF3A (UPF3A Products)
Background:	Synonyms:HUpf3, HUPF3A, RENT3A, UPF3, UPF3A 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 subsequent formation of an

Target Details

UPF1-UPF2-UPF3 surveillance complex(including UPF1 bound to release factors at the stalled ribosome) is believed to activate NMD. However, UPF3A is shown to be only marginally active in NMD as compared to UPF3B. Binds spliced mRNA upstream of exon-exon junctions. In vitro, weakly stimulates translation.

Molecular Weight: 51 kDa

Gene ID: 65110

UniProt: [Q9H1J1](#)

Application Details

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