

UPF3B antibody

Product Information

Catalog No.:	FNab09272
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 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.

Immunogen information

Immunogen:	UPF3 regulator of nonsense transcripts homolog B(yeast)
Synonyms:	Regulator of nonsense transcripts 3B Nonsense mRNA reducing factor 3B Up-frameshift suppressor 3 homolog B (hUpf3B) Up-frameshift suppressor 3 homolog on chromosome X (hUpf3p-X) UPF3B RENT3B UPF3X
Observed MW:	58 kDa
Uniprot ID :	Q9BZI7

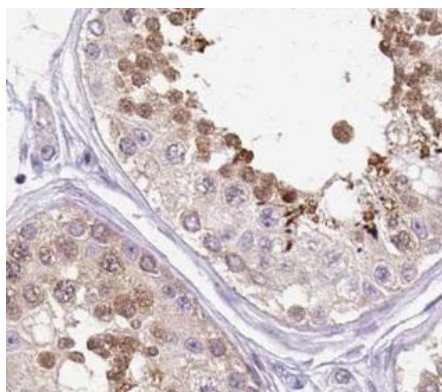
Application

Reactivity:	Human, Mouse, Rat
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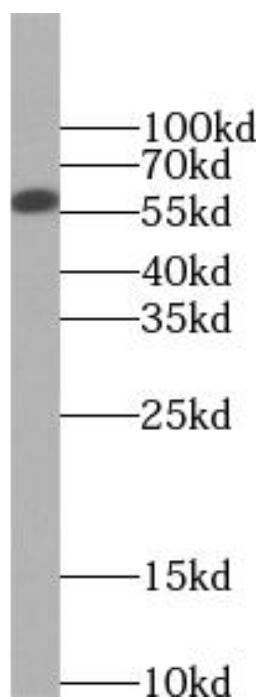
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC:1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human testis slide using FNab09272(UPF3B Antibody) at dilution of 1:50



Jurkat cells were subjected to SDS PAGE followed by western blot with FNab09272(UPF3B antibody) at dilution of 1:2000