

UPF1 Polyclonal Antibody

catalog number: **E-AB-13000**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	Human;Mouse
Immunogen	Synthetic peptide of human UPF1
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications

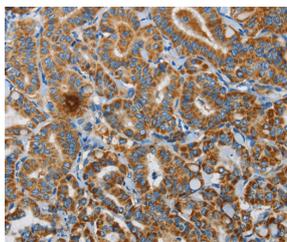
Applications	Recommended Dilution
WB	1:200-1:1000
IHC	1:50-1:200

Data

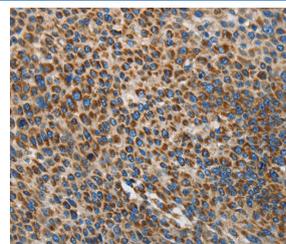


Western Blot analysis of Raji cell using UPF1 Polyclonal Antibody at dilution of 1:300

Calculated-MW:124 kDa



Immunohistochemistry of paraffin-embedded Human thyroid cancer using UPF1 Polyclonal Antibody at dilution of 1:35



Immunohistochemistry of paraffin-embedded Human liver cancer using UPF1 Polyclonal Antibody at dilution of 1:35

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

For Research Use Only

This gene encodes a protein that is part of a post-splicing multiprotein complex involved in both Human, Mouse RNA nuclear export and mRNA surveillance. 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 is located only in the cytoplasm. When translation ends, it interacts with the protein that is a functional homolog of yeast Upf2p to trigger mRNA decapping. Use of multiple polyadenylation sites has been noted for this gene.

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