

Datasheet for ABIN6570914  
**anti-RENT2/UPF2 antibody**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	200 µL
Target:	RENT2/UPF2 (UPF2)
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RENT2/UPF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant protein of human UPF2
Isotype:	IgG
Purification:	Affinity purification

## Target Details

Target:	RENT2/UPF2 (UPF2)
Alternative Name:	UPF2 ( <a href="#">UPF2 Products</a> )
Background:	Synonyms: DKFZp434D222,hUpf2,KIAA1408,MGC138834,MGC138835,Nonsense mRNA reducing factor 2,Regulator of nonsense transcripts 2,RENT2,RENT2,Smg 3,Smg 3 homolog nonsense mediated mRNA decay factor,Up-frameshift suppressor 2 homolog,UPF2,UPF2 regulator of nonsense transcripts homolog,UROC1,Urocanate hydratase,Yeast Upf2p homolog Background: This gene encodes a protein that is part of a post-splicing multiprotein complex

## Target Details

involved in both mRNA 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 in the perinuclear area. It interacts with translation release factors and the proteins that are functional homologs of yeast Upf1p and Upf3p. Two splice variants have been found for this gene, both variants encode the same protein.

Molecular Weight:	Observed_MW: 148kDa Calculated_MW: 66kDa/147kDa
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Gene ID:	26019
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UniProt:	<a href="#">Q9HAU5</a>
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## Application Details

Application Notes:	WB 1:500 - 1:2000 IHC 1:50 - 1:200
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Restrictions:	For Research Use only
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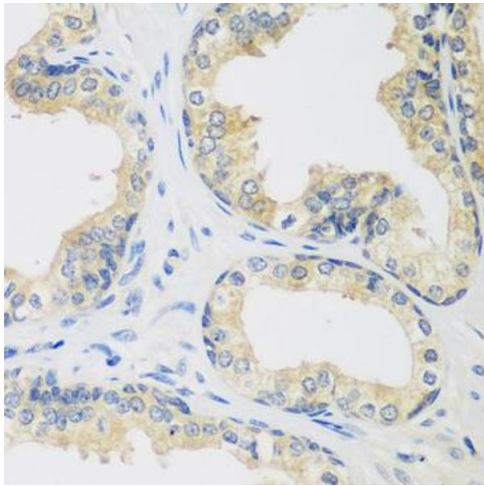
## Handling

Concentration:	1 mg/mL
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Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.
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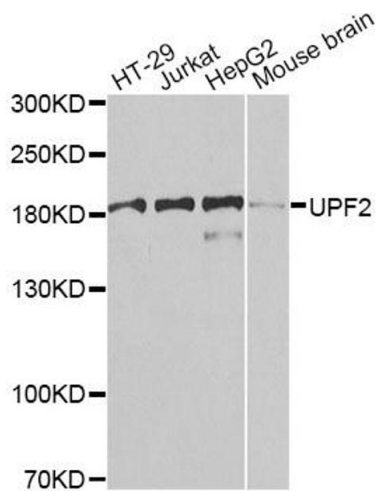
Storage:	-20 °C
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Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.
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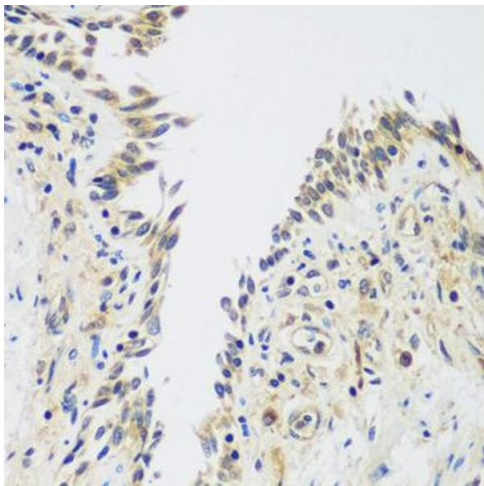
#### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human prostate using UPF2 antibody.



#### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using UPF2 antibody.



#### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human lung using UPF2 antibody.