

**bs-8565R**

**[ Primary Antibody ]**

## RENT1+hUPF1 Rabbit pAb

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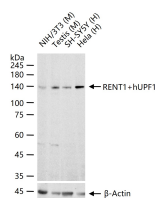
techsupport@bioss.com.cn

400-901-9800

### — DATASHEET —

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse (predicted: Rat, Cow, Chicken, Dog, Horse)
<b>GeneID:</b> 5976		
<b>Target:</b> RENT1+hUPF1		<b>Predicted MW.:</b> 124 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human RENT1/hUPF1: 301-450/1129.		<b>Subcellular Location:</b> Cytoplasm
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> In eukaryotes, it is essential to have the ability to detect and degrade transcripts that lack full coding potential. Nonsense- mediated RNA decay (NMD) protects the organism by avoiding the translation of truncated peptides with dominant negative or deleterious gain-of-function potential. Rent1, a mammalian ortholog of Upflp, is essential for embryonic viability (1-3). Rent1 (also designated regulator of nonsense transcripts and HUpf1) contains an N-terminal zinc finger-like domain, NTPase domains and a region comprised of domains that define Rent1 as a superfamily group I helicase.		

### — VALIDATION IMAGES —



25 ug total protein per lane of various lysates  
(see on figure) probed with RENT1+hUPF1  
polyclonal antibody, unconjugated (bs-8565R) at  
1:2000 dilution and 4°C overnight incubation.  
Followed by conjugated secondary antibody  
incubation at r.t. for 60 min.