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anti-RPL31 antibody (AA 5-105)



Images



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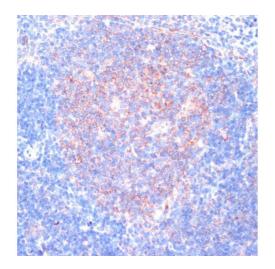
Quantity:	100 μL
Target:	RPL31
Binding Specificity:	AA 5-105
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Purpose:	RPL31 Rabbit pAb	
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 5-105 of human RPL31 (NP_000984.1).	
Sequence:	KKGGEKKKGR SAINEVVTRE YTINIHKRIH GVGFKKRAPR ALKEIRKFAM KEMGTPDVRI DTRLNKAVWA KGIRNVPYRI RVRLSRKRNE DEDSPNKLYT L	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
Purification:	Affinity purification	

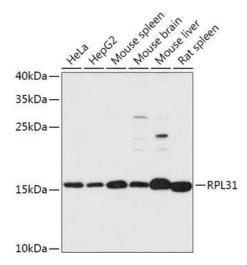
Target Details

Target:	RPL31		
Alternative Name:	RPL31 (RPL31 Products)		
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a		
	large 60S subunit. Together these subunits are composed of 4 RNA species and approximately		
	80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of		
	the 60S subunit. The protein belongs to the L31E family of ribosomal proteins. It is located in		
	the cytoplasm. Higher levels of expression of this gene in familial adenomatous polyps		
	compared to matched normal tissues have been observed. As is typical for genes encoding		
	ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through		
	the genome. Alternatively spliced transcript variants encoding distinct isoforms have been		
	found for this gene. [provided by RefSeq, Jul 2008],L31,RPL31,Epigenetics & Nuclear		
	Signaling,RNA Binding,RPL31		
Molecular Weight:	13kDa/14kDa		
Gene ID:	6160		
UniProt:	P62899		
Application Details			
Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Buffer:	PBS with 0.02 % sodium azide,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:	Store at -20°C. Avoid freeze / thaw cycles.		



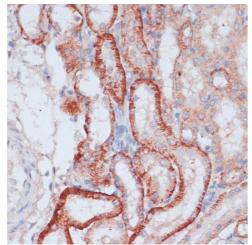
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded mouse spleen using RPL31 antibody (ABIN7270002) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RPL31 antibody (ABIN7270002) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 μg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded rat kidney using RPL31 antibody (ABIN7270002) at dilution of 1:100 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.