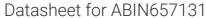
antibodies - online.com







anti-RPL34 antibody (AA 37-66)

Images



Publication



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Overview		
Quantity:	400 μL	
Target:	RPL34	
Binding Specificity:	AA 37-66	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))	
Product Details		
Immunogen:	This RPL34 antibody is generated from rabbits immunized with a KLH conjugated synthetic	
	peptide between 37-66 amino acids from the Central region of human RPL34.	
Clone:	RB32974	
Isotype:	lg Fraction	
Predicted Reactivity:	Pig	
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.	
Target Details		
Target:	RPL34	
Alternative Name:	RPL34 (RPL34 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 L34E family of ribosomal proteins. It is located in the cytoplasm. This gene originally was thought to be located at 17q21, but it has been mapped to 4q. Transcript variants derived from alternative splicing, alternative transcription initiation sites, and/or alternative polyadenylation exist, these variants encode the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

 Molecular Weight:
 13293

 NCBI Accession:
 NP_000986, NP_296374

 UniProt:
 P49207

Application Details

Application Notes: WB: 1:2000. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

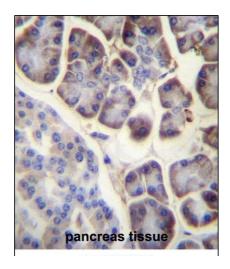
Handling

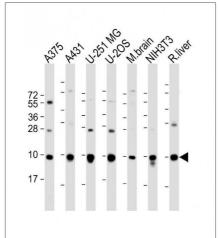
Format:	Liquid	
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Expiry Date:	6 months	

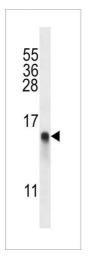
Publications

Product cited in:

Anders, Liu, Mann, Teister, Lauzi, Thanos, Grus, Pfeiffer, Prokosch: "The Small Heat Shock Protein α-Crystallin B Shows Neuroprotective Properties in a Glaucoma Animal Model." in: **International journal of molecular sciences**, Vol. 18, Issue 11, (2018) (PubMed).







Immunohistochemistry (Paraffin-embedded Sections)

Image 1. RPL34 Antibody (Center) (ABIN657131 and ABIN2846275) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RPL34 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. All lanes: Anti-RPL34 Antibody (Center) at 1:2000 dilution Lane 1: whole cell lysate Lane 2: A431 whole cell lysate Lane 3: U-251 MG whole cell lysate Lane 4: U-20S whole cell lysate Lane 5: mouse brain lysate Lane 6: NIH3T3 whole cell lysate Lane 7: rat liver lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 13 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Western Blotting

Image 3. RPL34 Antibody (Center) (ABIN657131 and ABIN2846275) western blot analysis in cell line lysates (35 μ g/lane).This demonstrates the RPL34 antibody detected the RPL34 protein (arrow).