antibodies - online.com







anti-RPL34 antibody (AA 1-117)





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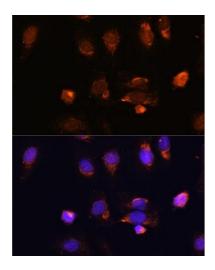
Quantity:	100 μL
Target:	RPL34
Binding Specificity:	AA 1-117
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPL34 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

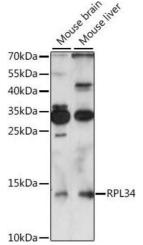
Product Details

Purpose:	RPL34 Rabbit pAb
lmmunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-117 of human RPL34 (NP_000986.2).
Sequence:	MVQRLTYRRR LSYNTASNKT RLSRTPGNRI VYLYTKKVGK APKSACGVCP GRLRGVRAVR PKVLMRLSKT KKHVSRAYGG SMCAKCVRDR IKRAFLIEEQ KIVVKVLKAQ AQSQKAK
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

rarget 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. Overexpression of this gene has been observed in some cancer cells. Alternative splicing results in multiple transcript variants, all encoding the same isoform. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.,RPL34,L34,Epigenetics & Nuclear Signaling,RPL34
Molecular Weight:	13kDa
Gene ID:	6164
UniProt: Application Details	P49207
Application Notes:	WB,1:500 - 1:2000,IHC,1:100 - 1:200,IF,1:50 - 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.





Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using RPL34 antibody (ABIN7270003) at dilution of 1:100. Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using RPL34 antibody (ABIN7270003) 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 Enhanced Kit (RM00021). Exposure time: 3 min.