

Datasheet for ABIN6147221
anti-RPS3A antibody (AA 1-264)

6 Images

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Overview

Quantity:	100 µL
Target:	RPS3A
Binding Specificity:	AA 1-264
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS3A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-264 of human RPS3A (NP_000997.1).
Sequence:	MAVGKNKRLT KGGKKGAKKK VVDPFSKKDW YDKAPAMFN IRNIGKTLVT RTQGKIASD GLKGRVFEVS LADLQNDEVA FRKFKLITED VQGKNCLTNF HGMDLTRDKM CSMVKKWQTM IEAHVDVKT T DGYLLRLFCV GFTKKRNNQI RKTSYAQHQQ VRQIRKKMME IMTREVQTND LKEVVNKLIP DSIKGDIEKA CQSIYPLHDV FVRKVKMLKK PKFELGKLME LHGEGSSSGK ATGDETGA KV ERADGYEPPV QESV
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

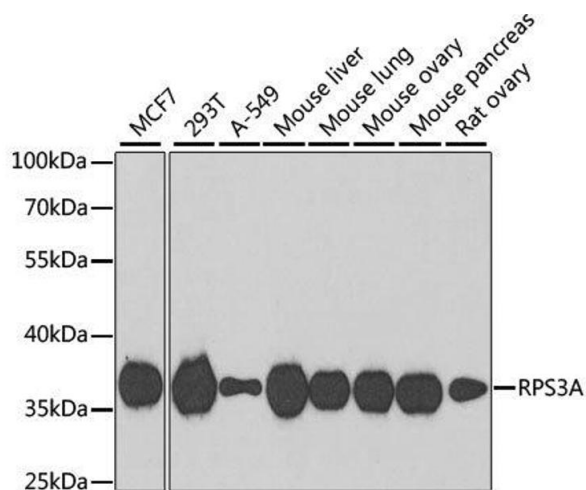
Target:	RPS3A
Alternative Name:	RPS3A (RPS3A Products)
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S3AE family of ribosomal proteins. It is located in the cytoplasm. Disruption of the gene encoding rat ribosomal protein S3a, also named v-fos transformation effector protein, in v-fos-transformed rat cells results in reversion of the transformed phenotype. This gene is co-transcribed with the U73A and U73B small nucleolar RNA genes, which are located in its fourth and third introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants have been found for this gene.,RPS3A,FTE1,MFTL,S3A,Epigenetics & Nuclear Signaling,RNA Binding,RPS3A
Molecular Weight:	29 kDa
Gene ID:	6189
UniProt:	P61247

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:100
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

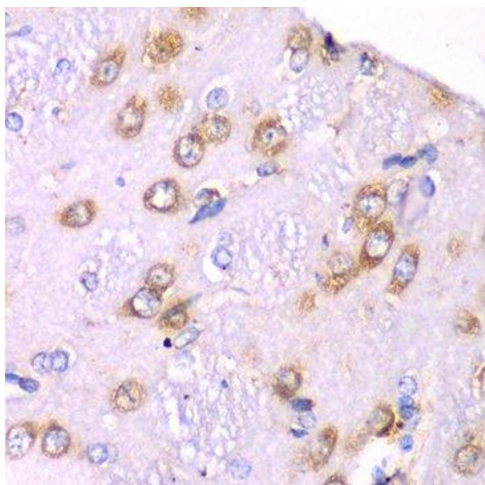
Handling

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.



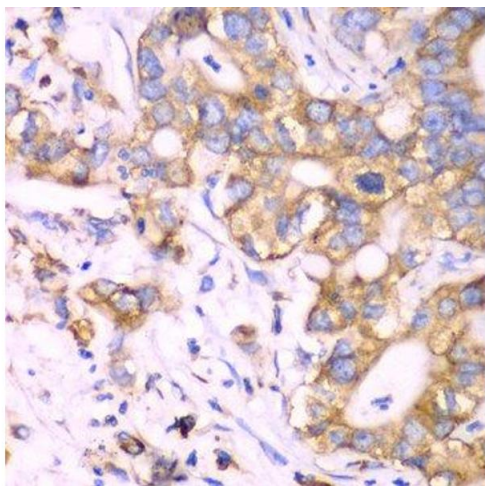
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using RPS3A antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded rat brain using RPS3A Antibody.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded human liver cancer using RPS3A Antibody.

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN6147221.