

anti- RPS3A antibody

Product Information

Catalog No.:	FNab07478
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

Immunogen:	ribosomal protein S3A
Synonyms:	FTE1, MFTL
Observed MW:	37 kDa
UniprotID :	P61247

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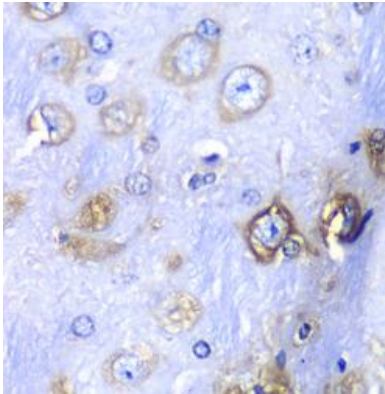
Application

Reactivity: Human, Mouse, Rat

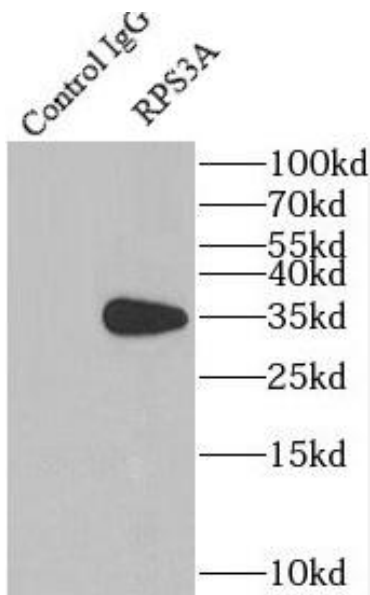
Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200; IF: 1:50 - 1:200; IP: 1:50 - 1:100

Image:



Immunohistochemistry of paraffin-embedded mouse brain using FNab07478(RPS3A antibody) at dilution of 1:100



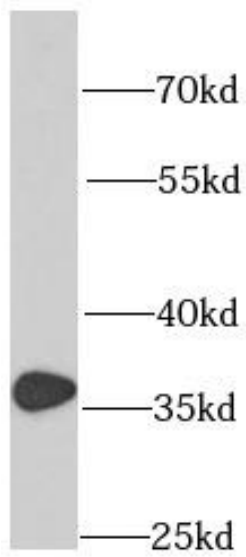
IP Result of anti-RPS3A (IP:FNab07478, 4ug; Detection:FNab07478 1:500) with HepG2 cells lysate 3600ug.

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HeLa cells were subjected to SDS PAGE followed by western blot with FNab07478(RPS3A antibody) at dilution of 1:1000