

RPS3 antibody

Product Information

Catalog No.:	FNab07477
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	5C7
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

40S ribosomal protein S3 (RPS3), also named as SW-cl.26, is a 243 amino acid protein, which contains one KH type-2 domain and belongs to the ribosomal protein S3P family. RPS3 localizes in the cytoplasm. RPS3 is identified in a IGF2BP1-dependent mRNP granule complex, which contains untranslated mRNAs. RPS3 plays a role in repairing various DNA damage acting as a repair UV endonuclease. Nuclear accumulation of RPS3 results in an increase in DNA repair activity to some extent, thereby sustaining neuronal survival. The calculated molecular weight of RPS3 is 26 kDa, but the modified RPS3 is about 33 kDa.

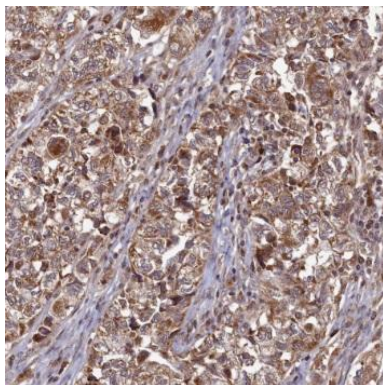
Immunogen information

Immunogen:	ribosomal protein S3
Synonyms:	Small ribosomal subunit protein uS3 40S ribosomal protein S3 RPS3
Observed MW:	33 kDa
Uniprot ID :	P23396

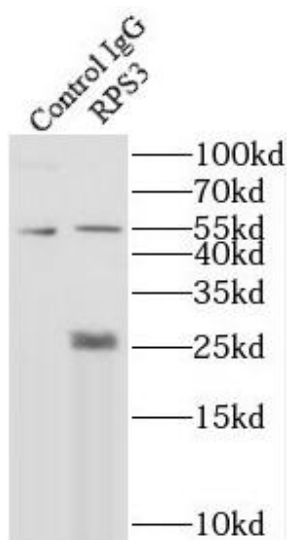
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:10000-1:50000; IP: 1:1000-1:2000; IHC: 1:50-1:200; IF: 1:50-1:200

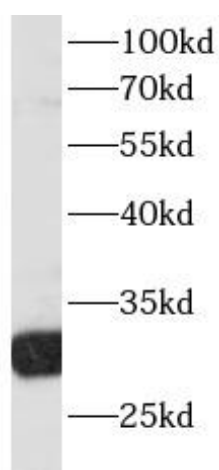
Image:



Immunohistochemistry of paraffin-embedded human ovary tumor tissue slide using FNab07477(RPS3 Antibody) at dilution of 1:100 heat mediated antigen retrieved with Tris-EDTA buffer(pH9).



IP Result of anti-RPS3 (IP:FNab07477, 3ug; Detection:FNab07477 1:600) with mouse testis tissue lysate 4000ug.



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with FNab07477(RPS3 Antibody) at dilution of 1:8000