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Datasheet for ABIN7118598
anti-RPS3 antibody

Overview

Quantity:	100 µg
Target:	RPS3
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This RPS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	ribosomal protein S3
Clone:	5C7
Isotype:	IgG1
Purification:	Protein A+G purification
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	RPS3
Alternative Name:	RPS3 (RPS3 Products)
Background:	Synonyms:40S ribosomal protein S3, ribosomal protein S3, RPS3 Background:40S ribosomal

Target Details

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.

Molecular Weight: 33 kDa

Gene ID: 6188

UniProt: [P23396](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:10000-1:50000, IP: 1:1000-1:2000, IHC: 1:50-1:200, IF: 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 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: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months