

Datasheet for ABIN7464735 **anti-RPS2 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RPS2
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Whole Mount) (IHC (wm))

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human RPS2. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Zebrafish (Danio rerio)
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	RPS2
Alternative Name:	ribosomal protein S2 (RPS2 Products)
Background:	Ribosomal protein S2 , LLREP3 , S2,Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed

Target Details

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 S5P family of ribosomal proteins. It is located in the cytoplasm. This gene shares sequence similarity with mouse LLRep3. It is co-transcribed with the small nucleolar RNA gene U64, which is located in its third intron. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq]

Molecular Weight:	31 kDa
Gene ID:	6187
UniProt:	P15880
Pathways:	Ribonucleoprotein Complex Subunit Organization , Ribosome Assembly

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: Mouse brain , 293T , A431 Validation: Orthogonal
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.56 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.