

RPS2 Antibody (C-Term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22218b

Specification

RPS2 Antibody (C-Term) - Product Information

Application	IF, WB, FC, E
Primary Accession	P15880
Other Accession	O18789 , P25444 , P27952
Reactivity	Human, Mouse
Predicted	Bovine, Rat
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit Ig
Calculated MW	31324

RPS2 Antibody (C-Term) - Additional Information

Gene ID 6187

Other Names

40S ribosomal protein S2, 40S ribosomal protein S4, Protein LLRep3, RPS2, RPS4

Target/Specificity

This RPS2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 248-379 amino acids from human RPS2.

Dilution

IF~~1:25
WB~~1:2000
FC~~1:25

Format

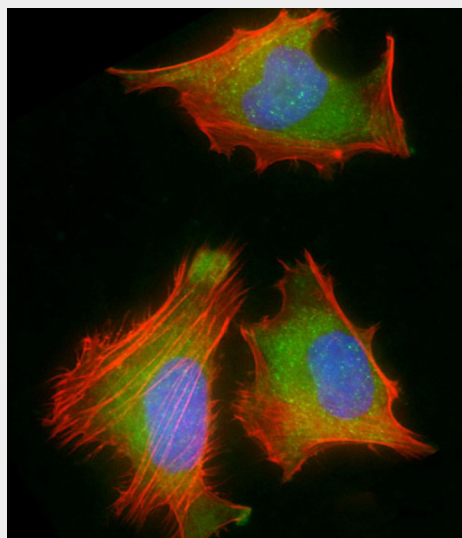
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

RPS2 Antibody (C-Term) is for research use



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling RPS2 with AP22218b at 1/25 dilution, followed by Dylight® 488-conjugated goat anti-rabbit IgG (1583138) secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm and nucleus staining on HeLa cell line. Cytoplasmic actin is detected with Dylight® 554 Phalloidin (OI17558410) at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

only and not for use in diagnostic or therapeutic procedures.

RPS2 Antibody (C-Term) - Protein Information

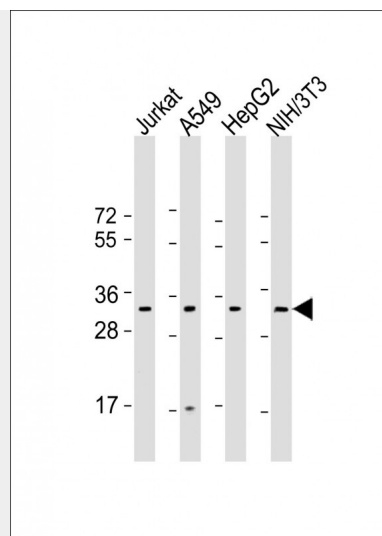
Name RPS2

Synonyms RPS4

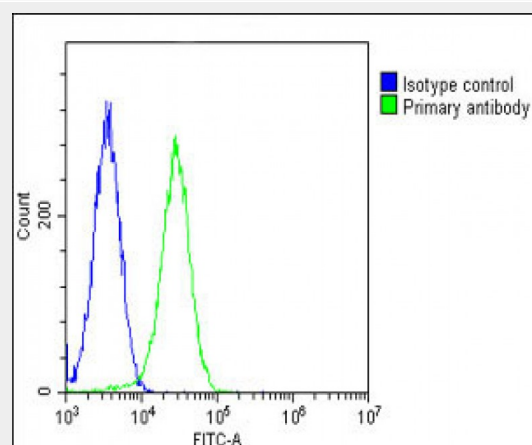
RPS2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



All lanes : Anti-RPS2 Antibody (C-Term) at 1:2000 dilution Lane 1: Jurkat whole cell lysate Lane 2: A549 whole cell lysate Lane 3: HepG2 whole cell lysate Lane 4: NIH/3T3 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 31 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



Overlay histogram showing HeLa cells stained with AP22218b(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (AP22218b, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OH191631) at 1/200 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1µg/1x10⁶ cells) used under the same conditions.

Acquisition of >10, 000 events was performed.

RPS2 Antibody (C-Term) - References

Slynn G., et al. Nucleic Acids Res. 18:681-681(1990).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Vladimirov S.N., et al. Eur. J. Biochem. 239:144-149(1996).
Swiercz R., et al. Biochem. J. 386:85-91(2005).