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Datasheet for ABIN5010064
anti-RPS20 antibody (AA 31-119) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	RPS20
Binding Specificity:	AA 31-119
Reactivity:	Rat, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS20 antibody is conjugated to Alexa Fluor 680
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human RPS20
Isotype:	IgG
Cross-Reactivity:	Rat, Saccharomyces cerevisiae
Predicted Reactivity:	Human, Mouse, Dog, Cow, Sheep, Pig, Horse
Purification:	Purified by Protein A.

Target Details

Target:	RPS20
Alternative Name:	RPS20 (RPS20 Products)

Target Details

Background: Synonyms: S20, 40S ribosomal protein S20, RPS20

Background: Mammalian ribosomal proteins are encoded by multigene families that consist of processed pseudogenes and one functional intron-containing gene within their coding regions. Ribosomal Protein S20, also known as RPS20, is a 119 amino acid cytoplasmic protein that is a component of the 40S ribosomal subunit. Co-transcribed with the small nucleolar RNA gene U54, Ribosomal Protein S20 is a primary binding protein (it binds independently to its target protein) that interacts with both the 5 and 3 minor domains of 16S ribosomal RNA (rRNA). Through its interactions with 16S rRNA, Ribosomal Protein S20 is thought to play a key role in nucleating the assembly of the 30S ribosomal subunit. Like most ribosomal protein-coding genes, the gene encoding Ribosomal Protein S20 is dispersed throughout the genome and exists as multiple processed pseudogenes.

Gene ID: 6224

UniProt: [P60866](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months