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Datasheet for ABIN6291040  
**anti-RPS27A antibody**

### Overview

Quantity:	50 µL
Target:	RPS27A
Reactivity:	Human, Mouse, Rat, Duck
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS27A antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein of human RPS27A
Isotype:	IgG
Purification:	Affinity purification

### Target Details

Target:	RPS27A
Alternative Name:	RPS27A ( <a href="#">RPS27A Products</a> )
Background:	Ubiquitin, a highly conserved protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome, is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein S27a at the C terminus. When expressed in yeast, the protein is post-translationally processed, generating

## Target Details

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free ubiquitin monomer and ribosomal protein S27a. Ribosomal protein S27a is a component of the 40S subunit of the ribosome and belongs to the S27AE family of ribosomal proteins. It contains C4-type zinc finger domains and is located in the cytoplasm. Pseudogenes derived from this gene are present in the genome. As with ribosomal protein S27a, ribosomal protein L40 is also synthesized as a fusion protein with ubiquitin, similarly, ribosomal protein S30 is synthesized as a fusion protein with the ubiquitin-like protein fubi. Multiple alternatively spliced transcript variants that encode the same proteins have been identified.

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Molecular Weight: 17.965 kDa

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Gene ID: 6233

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UniProt: [P62979](#)

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Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [Toll-Like Receptors Cascades](#), [Synthesis of DNA](#), [EGFR Downregulation](#)

## Application Details

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Application Notes: WB 1:500 - 1:2000

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Restrictions: For Research Use only

## Handling

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Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

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Preservative: Sodium azide

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

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Storage: -20 °C

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Storage Comment: Store at -20C. Avoid freeze / thaw cycles.