

Datasheet for ABIN925783
anti-RPS16 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µg
Target:	RPS16
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio), Cow, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RPS16 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	RPS16 antibody was raised in rabbit using the N terminal of RPS16 as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Dog (Canine), Zebrafish (Brachydanio rerio), Frog, Cow (Bovine)

Target Details

Target:	RPS16
Alternative Name:	RPS16 (RPS16 Products)
Background:	Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. RPS16 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S9P family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed

Target Details

pseudogenes of this gene dispersed through the genome. Synonyms: Polyclonal RPS16 antibody, Anti-RPS16 antibody, ribosomal protein S16 antibody.

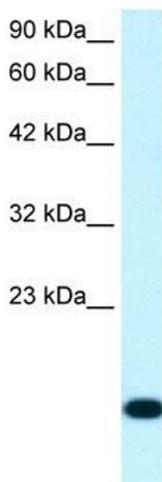
Application Details

Application Notes:	WB: 1.25 µg/mL Optimal conditions should be determined by the investigator.
Comment:	RPS16 Blocking Peptide, catalog no. 33R-8552, is also available for use as a blocking control in assays to test for specificity of this RPS16 antibody
Restrictions:	For Research Use only

Handling

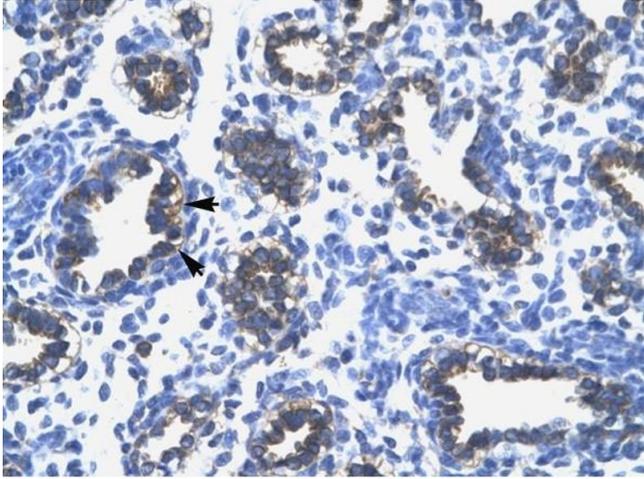
Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 100 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.

Images



Western Blotting

Image 1. RPS16 antibody (20R-1082) used at 0.2-1 µg/ml to detect target protein.



Immunohistochemistry

Image 2. RPS16 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Alveolar cells (arrows) in Human Lung. Magnification is at 400X