

Datasheet for ABIN629979
anti-SRP14 antibody



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2 Images

Overview

Quantity:	100 µg
Target:	SRP14
Reactivity:	Human, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SRP14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	SRP14 antibody was raised using a synthetic peptide corresponding to a region with amino acids KPIPKKGTVEGFEPADNKLLRATDGKKKISTVVSSKEVNKFQMAYSNLL
Purification:	Purified

Target Details

Target:	SRP14
Alternative Name:	SRP14 (SRP14 Products)
Background:	SRP14 belongs to the SRP14 family. The signal-recognition-particle assembly has a crucial role in targeting secretory proteins to the rough endoplasmic reticulum membrane. SRP9 together with SRP14 and the Alu portion of the SRP RNA, constitutes the elongation arrest domain of SRP. The complex of SRP9 and SRP14 is required for SRP RNA binding.
Molecular Weight:	15 kDa (MW of target protein)

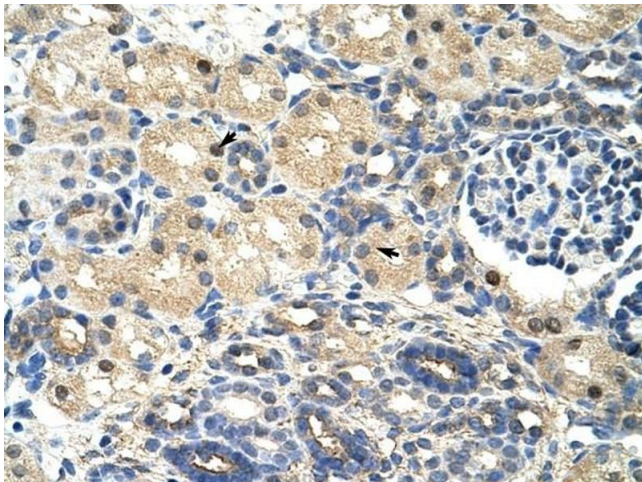
Application Details

Application Notes:	WB: 1.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	SRP14 Blocking Peptide, catalog no. 33R-4587, is also available for use as a blocking control in assays to test for specificity of this SRP14 antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of SRP14 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. SRP14 antibody was used for immunohistochemistry at a concentration of 4-8 ug/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. SRP14 antibody used at 1.25 ug/ml to detect target protein.