

Datasheet for ABIN633249

anti-RAE1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RAE1
Reactivity:	Human, Mouse, Rat, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RAE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	RAE1 antibody was raised using a synthetic peptide corresponding to a region with amino acids SACCFNHNGNIFAYASSYDWSKGHEFYNPQKKNYIFLRNAAEELKPRNKK
Purification:	Affinity purified

Target Details

Target:	RAE1
Alternative Name:	RAE1 (RAE1 Products)
Background:	RAE1 is a homolog of yeast Rae1. It contains four WD40 motifs, and has been shown to localize to distinct foci in the nucleoplasm, to the nuclear rim, and to meshwork-like structures throughout the cytoplasm. This gene is thought to be involved in nucleocytoplasmic transport, and in directly or indirectly attaching cytoplasmic mRNPs to the cytoskeleton.
Molecular Weight:	40 kDa (MW of target protein)

Target Details

Pathways: [SARS-CoV-2 Protein Interactome](#)

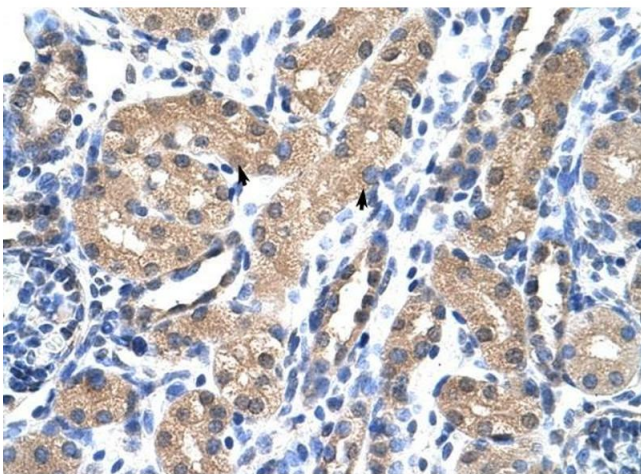
Application Details

Application Notes:	WB: 0.25 µg/mL, IHC: 4-8 µg/mL Optimal conditions should be determined by the investigator.
Comment:	RAE1 Blocking Peptide, catalog no. 33R-8290, is also available for use as a blocking control in assays to test for specificity of this RAE1 antibody
Restrictions:	For Research Use only

Handling

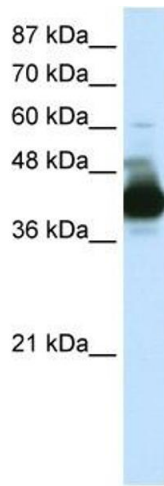
Format:	Lyophilized
Reconstitution:	Lyophilized powder. Add distilled water for a 1 mg/mL concentration of RAE1 antibody in PBS
Concentration:	Lot specific
Buffer:	PBS
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.

Images



Immunohistochemistry

Image 1. RAE1 antibody was used for immunohistochemistry at a concentration of 4-8 µg/ml to stain Epithelial cells of renal tubule (arrows) in Human Kidney. Magnification is at 400X



Western Blotting

Image 2. RAE1 antibody used at 0.25 ug/ml to detect target protein.