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# Datasheet for ABIN185434 anti-RAE1 antibody (C-Term)

4 Images



## Overview

Quantity:	100 µg
Target:	RAE1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This RAE1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	RAE1
Immunogen:	Peptide with sequence C-NAAEELKPRNKK, from the C Terminus of the protein sequence according to NP_003601.1, NP_001015885.1.
Sequence:	NAAEELKPRN KK
Isotype:	lgG
Specificity:	NP_003601and NP_001015885 represent identical proteins.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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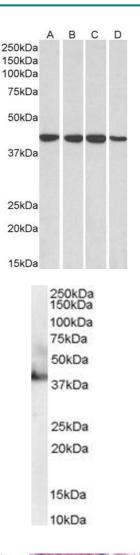
Target Details	
Target:	RAE1
Alternative Name:	RAE1 (RAE1 Products)
Background:	RAE1, RAE1 RNA export 1 homolog (S. pombe) , HGNC:9828, FLJ30608, MIG14, MRNP41, Mnrp41, dJ481F12.3, dJ800J21.1, RAE1 (RNA export 1, S.pombe) homolog, homolog of yeast Rae1 (Bharathi) mRNA-associated protein of 41 kDa (Kraemer), mRNA export protein, mRNA-
Gene ID:	8480
NCBI Accession:	NP_003601, NP_001015885
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	Immunohistochemistry: In paraffin embedded Human Brain Cortex shows staining of neuronal cell bodies. Recommended concentration: 3-6 µg/mL. Paraffin embedded Human Heart. Recommended concentration: 3.75 µg/mL. Western Blot: Approx 40 kDa band observed in lysates cell lines HepG2, HeLa, Jurkat and MCF7 (calculated MW of 41.0 kDa according to NP_003601.1). Recommended concentration: 0.1-0.3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:64000.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

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Images

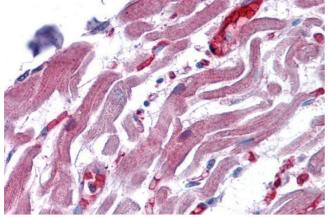


### Western Blotting

**Image 1.** ABIN185434 ( $0.1\mu$ g/ml) staining of HepG2 (A), HeLa (B), Jurkat (C) and MCF7 (D) lysates ( $35\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### Western Blotting

**Image 2.** ABIN185434 staining (0.03µg/ml) of HepG2 lysate (RIPA buffer, 30µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



#### Immunohistochemistry

**Image 3.** ABIN185434 (3.75µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

Please check the product details page for more images. Overall 4 images are available for ABIN185434.

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