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Datasheet for ABIN6741587 anti-RAE1 antibody (C-Term)

3 Images



Overview

Target:RAE1Binding Specificity:C-TermReactivity:Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Pig, Xenopus Iaevis, Bat, Chicken, Hamster, MonkeyHost:RabbitClonality:PolyclonalConjugate:This RAE1 antibody is un-conjugated					
Binding Specificity:C-TermReactivity:Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Pig, Xenopus Iaevis, Bat, Chicken, Hamster, MonkeyHost:RabbitClonality:PolyclonalConjugate:This RAE1 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Quantity:	100 μL			
Reactivity:Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Pig, Xenopus laevis, Bat, Chicken, Hamster, MonkeyHost:RabbitClonality:PolyclonalConjugate:This RAE1 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Target:	RAE1			
Hamster, MonkeyHost:RabbitClonality:PolyclonalConjugate:This RAE1 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Binding Specificity:	C-Term			
Clonality:PolyclonalConjugate:This RAE1 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Reactivity:				
Conjugate:This RAE1 antibody is un-conjugatedApplication:Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Host:	Rabbit			
Application: Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-	Clonality:	Polyclonal			
	Conjugate:	This RAE1 antibody is un-conjugated			
	Application:				

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from C-Terminus of human RAE1 (P78406, NP_001015885). Percent identity
	by BLAST analysis: Human, Chimpanzee, Gorilla, Orangutan, Gibbon, Monkey, Galago,
	Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bovine, Bat, Rabbit, Horse, Pig,
	Opossum, Guinea pig, Turkey, Zebra finch, Chicken, Platypus, Xenopus (100%), Seabass,
	Salmon, Stickleback, Zebrafish (92%), Sea squirt, Beetle (85%).
	Type of Immunogen: Synthetic peptide
Isotype:	lgG

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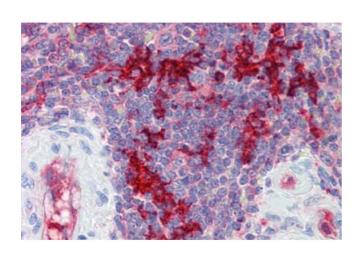
Product Details					
Specificity:	Human RAE1				
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Dog, Bovine, Rabbit, Chicken, Xenopus (100%) Zebrafish (92%).				
Purification:	Immunoaffinity purified				
Target Details					
Target:	RAE1				
Alternative Name:	MRNP41 / RAE1 (RAE1 Products)				
Background:	Name/Gene ID: RAE1				
	Synonyms: RAE1, DJ481F12.3, DJ800J21.1, Mnrp41, MRNA export factor, MRNA-binding protein, 41-kD, Rae1 protein homolog, MIG14, Migration-inducing gene 14, MRNA export protein, MRNP41				
Gene ID:	8480				
NCBI Accession:	NP_001015885				
UniProt:	P78406				
Pathways:	SARS-CoV-2 Protein Interactome				
Application Details					
Application Notes:	Approved: IHC, IHC-P (5 μg/mL), WB (0.2 - 1 μg/mL)				
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.				
Comment:	Target Species of Antibody: Human				
Restrictions:	For Research Use only				

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Handling

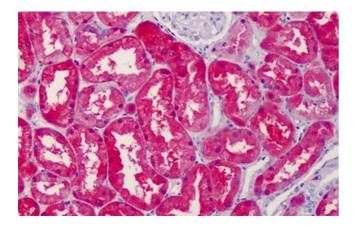
Format:	Lyophilized			
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose			
Concentration:	Lot specific			
Buffer:	Lyophilized from PBS with 2 % sucrose			
Handling Advice:	Avoid repeat freeze-thaw cycles.			
Storage:	4 °C,-20 °C			
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long			
	term use (up to 1 year)			
	Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.			

Images

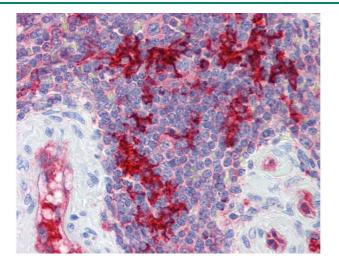


Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Spleen (formalin-fixed, paraffinembedded) stained with RAE1 antibody ABIN462225 followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry (Formalin-fixed Paraffin-embedded								
Sections)								
Image	2.	Human	Kidney:	Formalin-Fixed,	Paraffin-			
Embedded (FFPE)								



Immunohistochemistry

Image 3. Anti-RAE1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffinembedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other form ...

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