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Datasheet for ABIN277766 anti-RNASET2 antibody (Middle Region)

2 Images

1 Publication



Overview

Quantity:	100 μL
Target:	RNASET2
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RNASET2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human RNASET2
Sequence:	RSRFWKHEWE KHGTCAAQVD ALNSQKKYFG RSLELYRELD LNSVLLKLGI
Predicted Reactivity:	Dog: 79%, Horse: 79%, Human: 100%, Rat: 75%
Characteristics:	This is a rabbit polyclonal antibody against RNASET2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	RNASET2
Alternative Name:	RNASET2 (RNASET2 Products)

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Target Details

Background:	This ribonuclease gene is a novel member of the Rh/T2/S-glycoprotein class of extracellular
	ribonucleases. It is a single copy gene that maps to 6q27, a region associated with human
	malignancies and chromosomal rearrangement. This ribonuclease gene is a novel member of
	the Rh/T2/S-glycoprotein class of extracellular ribonucleases. It is a single copy gene that
	maps to 6q27, a region associated with human malignancies and chromosomal
	rearrangement. Sequence Note: The RefSeq transcript and protein were derived from genomic
	sequence to make the sequence consistent with the reference genome assembly. The genomic
	coordinates used for the transcript record were based on alignments.
	Alias Symbols: RNASE6PL, bA514012.3, RP11-514012.3
	Protein Interaction Partner: FBXO6, UBC, NIT2, PRDX3, SLC9A3R1, SUCLG2, MRPL12, NDUFV1,
	Protein Size: 256
Molecular Weight:	29 kDa
Gene ID:	8635
NCBI Accession:	NM_003730, NP_003721
UniProt:	000584

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 256 AA
Restrictions:	For Research Use only

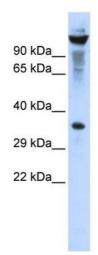
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

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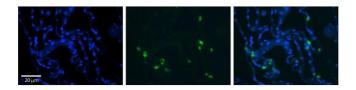
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	
Product cited in:	Roberts, Childs, Brown, Davis, Booth: "Early depression of Ankrd2 and Csrp3 mRNAs in the polyribosomal and whole tissue fractions in skeletal muscle with decreased voluntary running." in: Journal of applied physiology (Bethesda, Md. : 1985) , Vol. 112, Issue 8, pp. 1291-9, (2012) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-RNASET2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: 293T cell lysate RNASET2 is strongly supported by BioGPS gene expression data to be expressed in Human HEK293T cells



Immunohistochemistry

Image 2. Rabbit Anti-RNASET2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lung Tissue Observed Staining: Cytoplasmic in in alveolar cells, type I and II Primary Antibody Concentration: 1:100 Other Working Concentrations: 1/600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec