

Product Datasheet

RCN1 Antibody - BSA Free

NB500-256

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NB500-256

RCN1 Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)
Target Molecular Weight	39 kDa

Product Description

Host	Rabbit
Gene ID	5954
Gene Symbol	RCN1
Species	Human, Mouse
Immunogen	A synthetic peptide that maps to a region between residues 1 and 75 of human Reticulocalbin-1, EF-hand calcium binding domain using the numbering given in Swiss-Prot entry Q15293 (GeneID 5954).

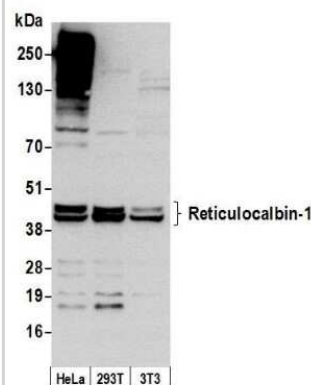
Product Application Details

Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:0000, Immunohistochemistry 1:1000-1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000-1:5000
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.



Images

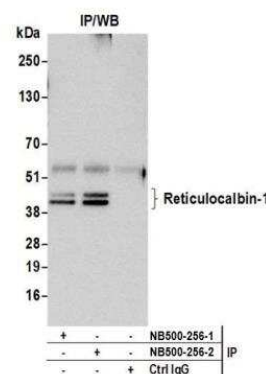
Western Blot: RCN1 Antibody [NB500-256] - Detection of human and mouse Reticulocalbin-1 by western blot. Samples: Whole cell lysate (50 ug) from HeLa, HEK293T, and mouse NIH 3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-Reticulocalbin-1 antibody NB500-256 used for WB at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry-Paraffin: RCN1 Antibody [NB500-256] - Section of human colon carcinoma. Antibody: Affinity purified rabbit anti-RCN1 (NB500-256). Detection: DAB



Immunoprecipitation: RCN1 Antibody [NB500-256] - Detection of human Reticulocalbin-1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-Reticulocalbin-1 antibody NB500-256 (lot NB500-256-3) used for IP at 6 ug per reaction. Reticulocalbin-1 was also immunoprecipitated by a previous lot of this antibody (lot NB500-256-2). For blotting immunoprecipitated Reticulocalbin-1, NB500-256 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Publications

Cui D, Dougherty KJ, Machacek DW et al. Divergence between motoneurons: gene expression profiling provides a molecular characterization of functionally discrete somatic and autonomic motoneurons. *Physiol Genomics* 2006-02-01 [PMID: 16317082]



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Products Related to NB500-256

NB800-PC1	HeLa Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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