

# Product Datasheet

## KALRN Antibody NB100-41371

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1 Publications: 2**

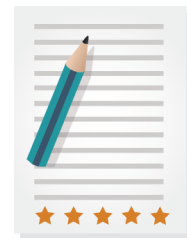
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**NB100-41371**

## KALRN Antibody

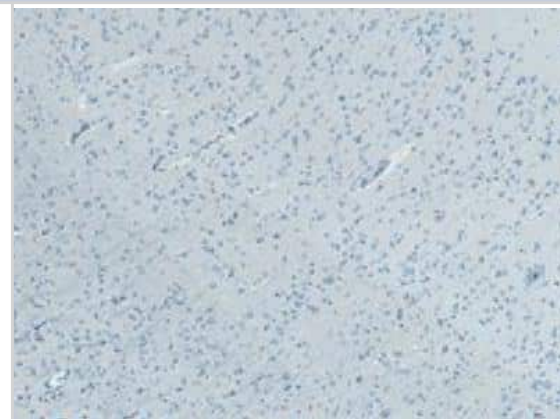
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Description	Novus Biologicals Goat KALRN Antibody (NB100-41371) is a polyclonal antibody validated for use in IHC, ELISA and Flow. Anti-KALRN Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	8997
Gene Symbol	KALRN
Species	Human, Mammal
Reactivity Notes	Mammal reactivity reported from a verified customer review.
Specificity/Sensitivity	This antibody is expected to recognise NP_003938.1 (isoform 2), NP_001309918.1 (isoform 5), NP_001309919.1 (isoform 6), NP_001309920.1 (isoform 7), and NP_001309921.1 (isoform 8).
Immunogen	Peptide with sequence C-RWHLGPGDPFSTYV, from the C Terminus of the protein sequence according to NP_003938.1; NP_001309918.1; NP_001309919.1; NP_001309920.1; NP_001309921.1.

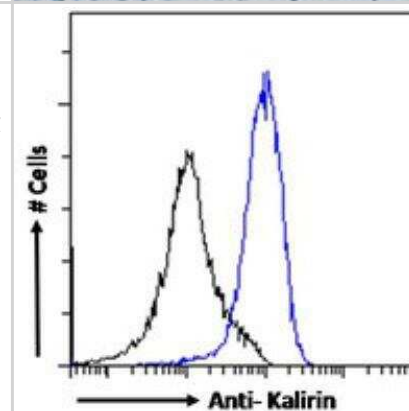
Product Application Details	
Applications	Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Peptide ELISA
Recommended Dilutions	Flow Cytometry 10 ug/mL, Immunohistochemistry 4 - 5 ug/mL, Immunohistochemistry-Paraffin 4 - 5 ug/mL, Peptide ELISA Detection Limit 1:16000

## Images

Immunohistochemistry-Paraffin: KALRN Antibody [NB100-41371] - Negative Control showing staining of paraffin embedded Human Cortex, with no primary antibody.



Flow Cytometry: KALRN Antibody [NB100-41371] - Flow cytometric analysis of paraformaldehyde fixed A431 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (1 ug/mL). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: KALRN Antibody [NB100-41371] - Staining of paraffin embedded Human Cortex. Antibody at 5 ug/mL. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.



## Publications

Wosczyzna MN, Konishi CT, Perez Carbajal EE et al. Reciprocal Activation within a Kinase-Effector Complex Underlying Persistence of Structural LTP Neuron 2019-05-08 [PMID: 31078368]

Colomer V, Engelender S, Sharp AH et al. Huntingtin-associated protein 1 (HAP1) binds to a Trio-like polypeptide, with a rac1 guanine nucleotide exchange factor domain. Hum Mol Genet 1997-09-01 [PMID: 9285789]



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NB100-41371**

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HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
210-TA-005	TNF-alpha [Unconjugated]

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### **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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