

# Product Datasheet

## KALRN Antibody NB100-41371

Unit Size: 0.1 mg

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

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Updated 10/23/2024 v.20.1

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**NB100-41371****KALRN Antibody**

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

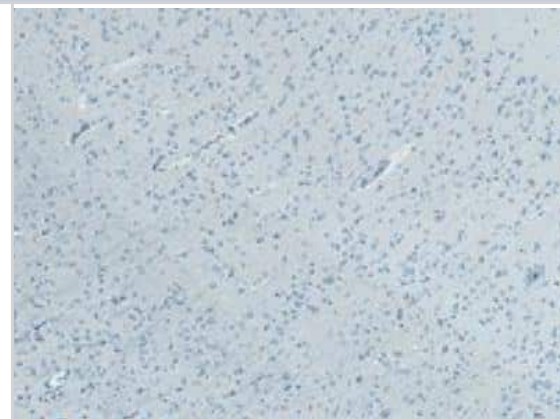
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	8997
<b>Gene Symbol</b>	KALRN
<b>Species</b>	Human, Mammal
<b>Reactivity Notes</b>	Mammal reactivity reported from a verified customer review.
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise NP_003938.1 (isoform 2), NP_001309918.1 (isoform 5), NP_001309919.1 (isoform 6), NP_001309920.1 (isoform 7), and NP_001309921.1 (isoform 8).
<b>Immunogen</b>	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.

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

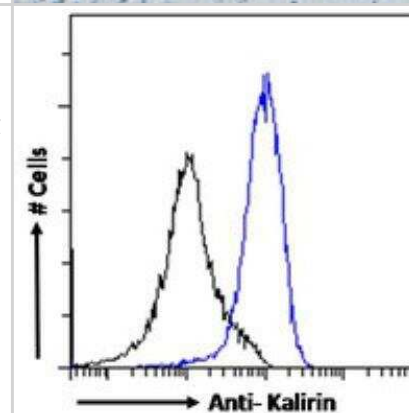


## Images

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]



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### **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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