

# Product Datasheet

## **PARD6A Antibody** **NB300-953**

Unit Size: 0.1 mg

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

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**NB300-953****PAR6A 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

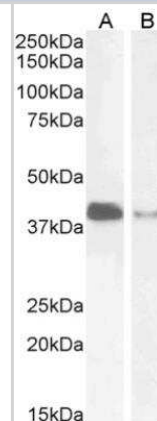
<b>Product Description</b>	
<b>Host</b>	Goat
<b>Gene ID</b>	50855
<b>Gene Symbol</b>	PAR6A
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise both reported isoforms (NP_058644.1; NP_001032358.1).
<b>Immunogen</b>	Peptide with sequence C-GSRIRGDGSGFSL corresponding to C-Terminus according to NP_058644.1, NP_001032358.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Flow Cytometry, Immunohistochemistry 5 - 10 ug/ml, Immunohistochemistry-Paraffin 5 - 10 ug/ml, Peptide ELISA Detection limit 1:8000
<b>Application Notes</b>	WB: Preliminary experiments gave no signal but low background in human brain and pancreas extracts at up to 1 ug/ml. IHC-P: Human pancreas show strong cytoplasmic staining in rare cells of intralobular ducts. Human heart shows speckled staining on myocardial fibres in transverse section.

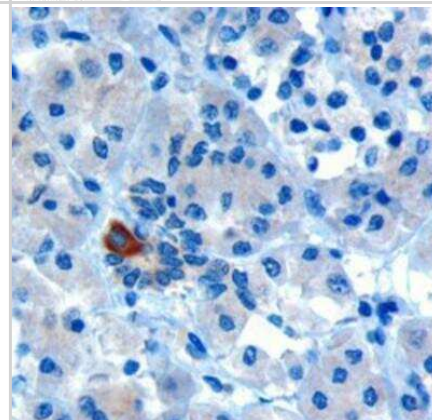


## Images

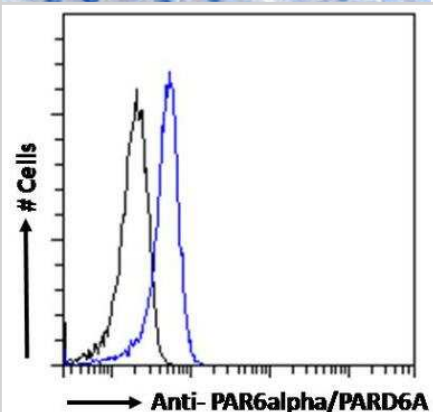
Western Blot: PARD6A Antibody [NB300-953] - (2ug/ml) staining of Jurkat (A) and U251 (B) cell lysate (35ug protein in RIPA buffer). Detected by chemiluminescence.



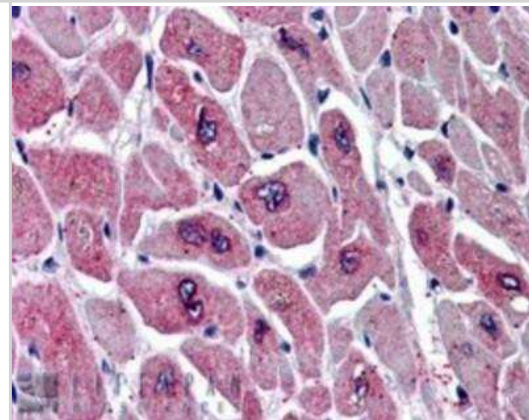
Immunohistochemistry-Paraffin: PARD6A Antibody [NB300-953] - (10ug/ml) staining of paraffin embedded Human Human Pancreas. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining.



Flow Cytometry: PARD6A Antibody [NB300-953] - Analysis of paraformaldehyde fixed Jurkat cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



Immunohistochemistry-Paraffin: PARD6A Antibody [NB300-953] - (5ug/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Johansson A, Driessens M, Aspenstrom P. The mammalian homologue of the *Caenorhabditis elegans* polarity protein PAR-6 is a binding partner for the Rho GTPases Cdc42 and Rac1. *J Cell Sci* 2000-09-01 [PMID: 10954424]



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### **Products Related to NB300-953**

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NBL1-14102	PARD6A Overexpression Lysate
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

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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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