

# Product Datasheet

## PIST Antibody NB100-1375

Unit Size: 0.1 mg

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

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**NB100-1375**

PIST 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	
Host	Goat
Gene ID	57120
Gene Symbol	GOPC
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_065132.1; NP_001017408.1).
Immunogen	Peptide with sequence C-LDDLHTLYHKKSY corresponding to C-Terminus according to NP_065132.1, NP_001017408.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.05 - 0.2 ug/ml, Peptide ELISA Detection limit 1:128000
Application Notes	IF successful usage on HeLa cells. WB: Approx. 55 kDa band observed in human brain (frontal cortex) lysates (calculated MW of 50.5 kDa band according to NP_065132.1).

**Images**

Western Blot: PIST Antibody [NB100-1375] - Analysis of PIST/FIG/GOPC on Human Frontal Cortex lysate using this antibody at 0.05 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa

**Publications**

Neudauer CL, Joberty G, Macara IG. PIST: a novel PDZ/coiled-coil domain binding partner for the rho-family GTPase TC10. Biochem Biophys Res Commun 2001-01-19 [PMID: 11162552]



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### **Products Related to NB100-1375**

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NB820-59177	Human Brain Whole Tissue Lysate (Adult Whole Normal)
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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