

# Product Datasheet

## PTEN2/TPTE Antibody NB100-41395

Unit Size: 0.1 mg

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

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**NB100-41395****PTEN2/TPTE 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>	7179
<b>Gene Symbol</b>	TPTE
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	This antibody is expected to recognise all reported isoforms (NP_954870.2, NP_954868.1 and NP_954869.1). It may cross-react with the almost identical TPTE2 (GeneID 93492; NP_570141.2, NP_954864.1, NP_954863.1).
<b>Immunogen</b>	Peptide with sequence C-ERRTDKTHSEKFQ corresponding to internal region according to NP_954870.2, NP_954868.1, NP_954869.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 1 - 3 ug/ml, Immunohistochemistry, Immunohistochemistry-Paraffin 5 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 50-55 kDa band observed in human testis lysates (calculated MW of 60.2 kDa band according to NP_954869.1). IHC: Paraffin embedded Human Adrenal Gland.

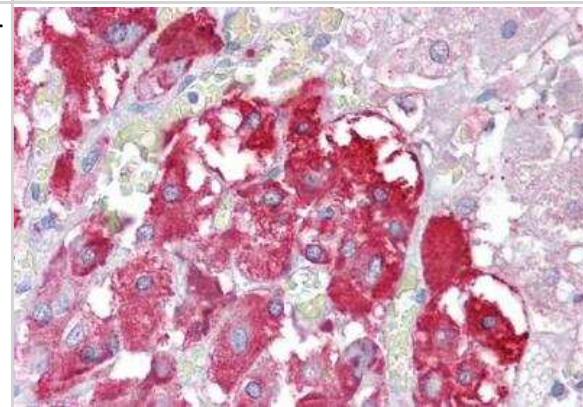


## Images

Western Blot: PTEN2/TPTE Antibody [NB100-41395] - (1ug/ml) staining of Human Testis lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Immunohistochemistry-Paraffin: PTEN2/TPTE Antibody [NB100-41395] - staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Tapparel C, Reymond A, Girardet C et al. The TPTE gene family: cellular expression, subcellular localization and alternative splicing. Gene 2003-12-24 [PMID: 14659893]



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### **Products Related to NB100-41395**

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NBL1-17235	PTEN2/TPTE Overexpression Lysate
NB100-41395PEP	PTEN2/TPTE Peptide
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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