

Product Datasheet

PTEN Antibody NB100-2229

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB100-2229**PTEN Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	TBS and 0.1% BSA

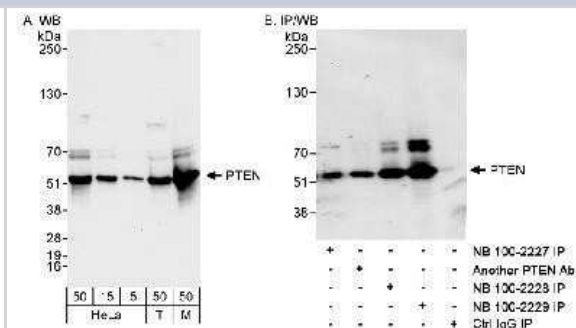
Product Description	
Host	Rabbit
Gene ID	5728
Gene Symbol	PTEN
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 350 and the C-terminus (residue 403) of human phosphatase and tensin homolog using the numbering given in entry NP_000305.2 (GeneID 5728).

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:100-1:500, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:100-1:500
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections

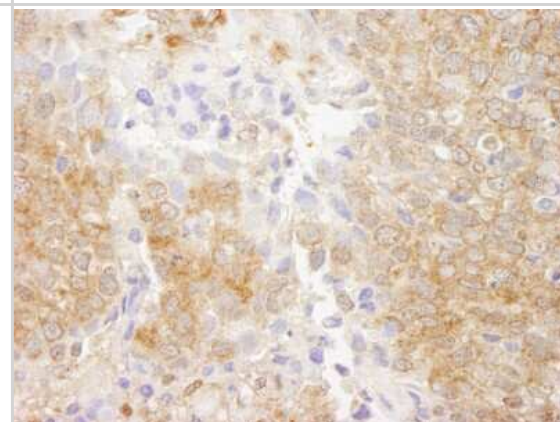


Images

Western Blot: PTEN Antibody [NB100-2229] - Detection of Human and Mouse PTEN on HeLa whole cell lysate using NB100-2229. PTEN was also IPed by rabbit anti-PTEN antibodies NB100-2227, NB100-2228 and another PTEN antibody.



Immunohistochemistry-Paraffin: PTEN Antibody [NB100-2229] - Section of human breast carcinoma. Antibody: Affinity purified rabbit anti- PTEN used at a dilution of 1:200 (1ug/ml). Detection: DAB



Publications

Wan X, Dennis AT, Obejero-Paz C et al. Oxidative inactivation of the lipid phosphatase phosphatase and tensin homolog on chromosome ten (PTEN) as a novel mechanism of acquired long QT syndrome. J Biol Chem 2011-01-01 [PMID: 21097842]



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 NB100-2229

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-21254PEP	PTEN Recombinant Protein Antigen

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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