

Product Datasheet

PTEN [p Ser29, p Thr32] Antibody - BSA Free NBP1-77932

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NBP1-77932

PTEN [p Ser29, p Thr32] Antibody - BSA Free

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | 0.01% Sodium Azide |
| Isotype | IgG |
| Purity | Immunogen affinity purified |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |

| Product Description | |
|-------------------------|--|
| Description | <p>This affinity-purified antibody is directed against the phosphorylated form of human PTEN protein at the [p Ser29] and [p Thr 32] residues. The product was affinity purified from monospecific antiserum by immunoaffinity purification. Antiserum was first purified against the phosphorylated form of the immunizing peptide. The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide</p> <p>Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.</p> |
| Host | Rabbit |
| Gene ID | 5728 |
| Gene Symbol | PTEN |
| Species | Human, Mouse, Rat, Bovine, Canine, Chimpanzee, Rhesus Macaque |
| Reactivity Notes | A BLAST analysis was used to suggest cross reactivity with PTEN proteins from mouse and dog sources based on 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known. |
| Specificity/Sensitivity | This affinity-purified antibody is directed against the phosphorylated form of human PTEN protein at the pS29 and pT32 residues. The resultant affinity purified antibody was then cross-adsorbed against the non-phosphorylated form of the immunizing peptide. Reactivity occurs against human PTEN pS29/pT32 protein and the antibody is specific for the phosphorylated form of the proteins. Approximately 3% reactivity is observed against the non-phosphorylated form of the immunizing peptide. A BLAST analysis was used to suggest cross reactivity with PTEN proteins from mouse and dog sources based on 100% homology with the immunizing sequence. Reactivity against homologues from other sources is not known. |
| Immunogen | This affinity purified PTEN [p Ser29, p Thr32] Antibody was prepared from whole rabbit serum produced by repeated immunizations with a recombinant protein corresponding to amino acids 223-237 of human PTEN protein. (Uniprot: O43460) |

| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, ELISA |
| Recommended Dilutions | Western Blot 1:500-1:2000, ELISA 1:20000-1:80000 |

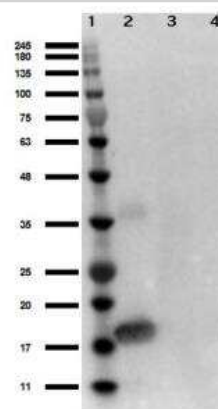


Application Notes

This affinity purified antibody has been tested for use in ELISA and western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 41 kDa in size corresponding to PTEN-P1 protein by western blotting in the appropriate cell lysate or extract.

Images

Western Blot: PTENP1 [p Ser29, p Thr32] Antibody [NBP1-77932] - Analysis of Rabbit Anti-Human IL-1 alpha Antibody. Lane 1: Opal Prestained Molecular Weight Ladder. Lane 2: IL-1 alpha 50ng. Lane 3: MEF WC lysate 10ng. Lane 4: MEF LPS stimulated 10ng. Blocking: BlockOut Buffer. Primary Antibody: Anti-IL-1a. Secondary Antibody: Goat anti-Rabbit HRP.





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Products Related to NBP1-77932

| | |
|---------------|---|
| 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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