

POTE Antibody (C-term L446) Blocking Peptide
Synthetic peptide
Catalog # BP1439a

Specification

POTE Antibody (C-term L446) Blocking Peptide - Product Information

Primary Accession [Q86YR6](#)

POTE Antibody (C-term L446) Blocking Peptide - Additional Information

Gene ID 100288966;317754

Other Names

POTE ankyrin domain family member D, ANKRD26-like family B member 3, Ankyrin repeat domain-containing protein 21, Prostate, ovary, testis-expressed protein, Protein POTE, POTED, A26B3, ANKRD21, POTE

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1439a](/product/products/AP1439a) was selected from the C-term region of human POTE. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

POTE Antibody (C-term L446) Blocking Peptide - Protein Information

Name POTED

Synonyms A26B3, ANKRD21, POTE

Cellular Location

Cell membrane; Peripheral membrane protein

Tissue Location

Expressed in prostate, ovary, testis, placenta and prostate cancer cell lines. Localizes to basal and terminal prostate epithelial cells.

POTE Antibody (C-term L446) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

POTE Antibody (C-term L446) Blocking Peptide - Images

POTE Antibody (C-term L446) Blocking Peptide - Background

POTE, is a highly homologous gene family located on numerous chromosomes and expressed in prostate, ovary, testis, placenta, and prostate cancer. The POTE protein contains seven ankyrin repeats between amino acids 140 and 380. Expression of POTE in prostate cancer and its undetectable expression in normal essential tissues make POTE a candidate for the immunotherapy of prostate cancer. The existence of a large number of closely related but rapidly diverging members, their location on multiple chromosomes and their limited expression pattern suggest an important role for the POTE gene family in reproductive processes.

POTE Antibody (C-term L446) Blocking Peptide - References

Bera T.K., Proc. Natl. Acad. Sci. U.S.A. 99:16975-16980(2002).Bera,T.K., Gene 337, 45-53 (2004)