

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

**Specification**

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**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)