

Rabbit anti-Human POTE Polyclonal Antibody | anti-POTED antibody

POTE Antibody (C-term L446)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290664	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

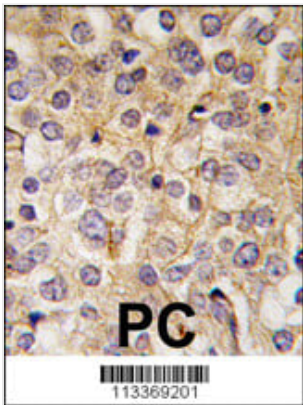
PRODUCT SYNONYMS

POTE; Polyclonal Antibody; POTE Antibody (C-term L446); 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; anti-POTED antibody

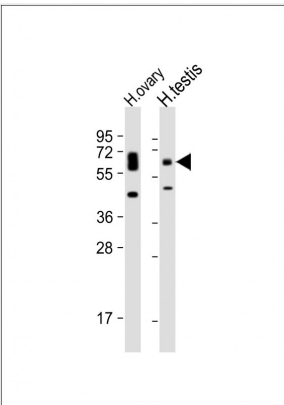
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Ig
Specificity	This POTE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 438-468 amino acids from the C-term region of human POTE.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Length	584
Applicable Applications for anti-POTED antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Subtitle	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
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.
Antigen Region	438-468 aa
Antigen Type	Synthetic Peptide
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human prostata carcinoma tissue reacted with POTE antibody (C-term L446), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
All lanes : Anti-POTE Antibody (C-term L446) at 1:500 dilution
Lane 1: human ovary lysate
Lane 2: human testis lysate
Lysates/proteins at 20 ug per lane.
Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.
Predicted band size : 66 kDa
Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-POTED antibody	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.
Product Categories/Family for anti-POTED antibody	Primary Antibodies; Cell Biology
References	Bera T.K., Proc. Natl. Acad. Sci. U.S.A. 99:16975-16980 (2002). Bera,T.K., Gene 337, 45-53 (2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	383209670
NCBI GeneID	100288966
NCBI Accession #	NP_001244291.1
NCBI GenBank Nucleotide #	NM_001257362.1
UniProt Accession #	Q86YR6; C9JCF7
Molecular Weight	66394 Da
NCBI Official Full Name	uncharacterized protein LOC100288966
NCBI Official Symbol	LOC100288966
NCBI Protein Information	uncharacterized protein LOC100288966
UniProt Protein Name	POTE ankyrin domain family member D
UniProt Gene Name	POTED
UniProt Synonym Gene Names	A26B3; ANKRD21; POTE; Protein POTE
UniProt Entry Name	POTED_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pote-antibody-immunohistochemistry-western-blot-elisa/290664>