

Rabbit anti-Human PBK Polyclonal Antibody | anti-PBK antibody

Rabbit anti-PBK Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211798	Rabbit	Human	Immunohistochemistry, Western Blot

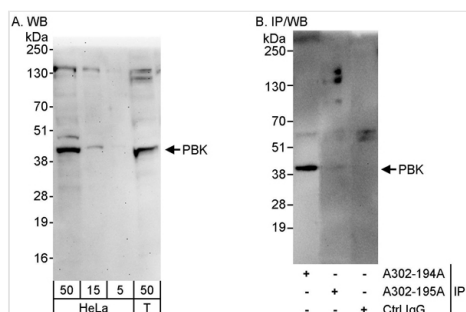
PRODUCT SYNONYMS

PBK; Polyclonal Antibody; Rabbit anti-PBK Antibody; Affinity Purified; HEL164; cancer/testis antigen 84; SPK; CT84; T-LAK cell-originated protein kinase; spermatogenesis-related protein kinase; serine/threonine protein kinase; PDZ-binding kinase; Nori-3; MAPKK-like protein kinase; lymphokine-activated killer T-cell-originated protein kinase; epididymis luminal protein 164; TOPK; Lymphokine-activated killer T-cell-originated protein kinase; PDZ binding kinase; anti-PBK antibody

PRODUCT SPECIFICATIONS

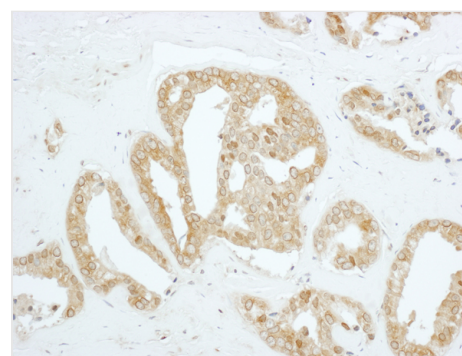
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PBK antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Between 200 and 250
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human PBK by western blot and immunoprecipitation. Samples: Whole cell lysate (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded) from HeLa and HEK293T (T; 50 ug) cells. Antibodies: Affinity purified rabbit anti-PBK antibody AAA211798 used for WB at 0.1 ug/ml (A) and 1 ug/ml (B) and used for IP at 3 ug/mg lysate. PBK was successfully immunoprecipitated by rabbit anti-PBK antibody which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 3 minutes (A) and 30 seconds (B).



IHC (Immunohistochemistry)

Detection of human PBK by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-PBK (Cat. No. AAA211798 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PBK antibody	PBK (PDZ binding kinase), also known as TOPK (T-LAK cell-originated protein), is a mitogen-activated protein kinase kinase (MAPKK) first identified in a yeast two-hybrid assay as a Dlg1 (disks-large)-interacting protein. PBK has been found to be up-regulated in breast cancers and highly expressed in neural stem cell cultures.
Product Categories/Family for anti-PBK antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	18490991
NCBI GeneID	55872
NCBI Accession #	NP_060962.2
NCBI GenBank Nucleotide #	NM_018492.2
UniProt Accession #	Q96KB5; Q9NPD9; Q9NYL7; Q9NZK6; D3DST2
Molecular Weight	36,085 Da
NCBI Official Full Name	lymphokine-activated killer T-cell-originated protein kinase
NCBI Official Synonym Full Names	PDZ binding kinase
NCBI Official Symbol	PBK
NCBI Official Synonym Symbols	SPK; CT84; TOPK; Nori-3
NCBI Protein Information	lymphokine-activated killer T-cell-originated protein kinase; PDZ-binding kinase; cancer/testis antigen 84; MAPKK-like protein kinase; serine/threonine protein kinase; T-LAK cell-originated protein kinase; spermatogenesis-related protein kinase
UniProt Protein Name	Lymphokine-activated killer T-cell-originated protein kinase
UniProt Gene Name	PBK
UniProt Synonym Gene Names	TOPK; CT84; SPK
UniProt Entry Name	TOPK_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://stage.aaabiotech.com/polyclonal/pbk-antibody-immunohistochemistry-western-blot-elisa/211798>