

Anti-PBK antibody (1-322) (STJ11104418)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

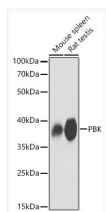
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 36kDa Observed Mw: 36kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

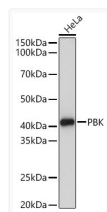
Gene ID	55872
Gene Symbol	PBK
UniProt ID	TOPK_HUMAN
Immunogen Region	1-322
Immunogen Sequence	MEGISNFKTPSKLSEKKKSV LCSTPTINIPASPFMQKLGFGTGVNVYLMKRSPRGLSHSP WAVKKINPICNDHYRSVYQK RLMDEAKILKSLHHPNIVGY RAFTEANDGSLCLAMEYGGG KSLNDLIEERYKASQDPFPA AIIKVALNMARGLKYLHQE KKLLHGDIKSSNVVVKGDFE TIKICDVGVSPLDENMTVT DPEACYIGTEPWKPKEAVEE NGVITDKADIFAFGLTLWE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-322 of human PBK (NP_060962.2).

ADDITIONAL INFORMATION

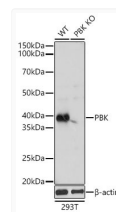
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Western blot analysis of various lysates using PBK Rabbit polyclonal antibody (STJ11104418) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/ proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Western blot analysis of lysates from HeLa cells using PBK Rabbit polyclonal antibody (STJ11104418) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime:1s.



Western blot analysis of lysates from wild type (WT) and PBK knockout (KO) 293T cells using PBK Rabbit polyclonal antibody (STJ11104418) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposuretime: 1s.