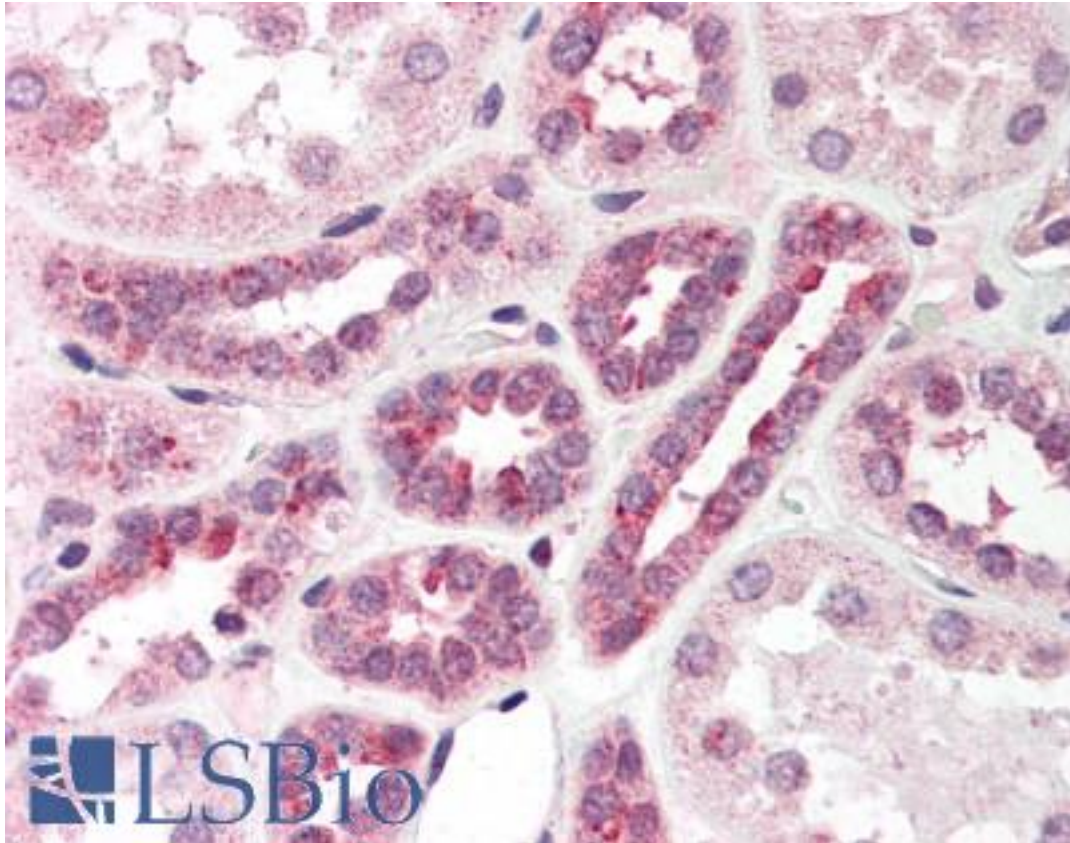


PNKP Rabbit anti-Human Polyclonal (Internal) Antibody - LS-B404 - LSBio

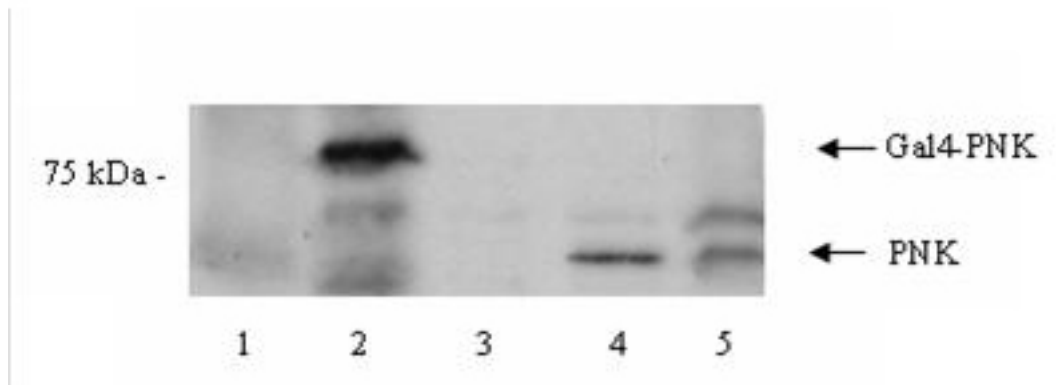
CatalogID:	LS-B404
Validation:	This antibody replaces catalog number LS-C18998. It has been validated for use in the following assays: IHC.
Target:	polynucleotide kinase 3'-phosphatase (PNKP)
Synonyms:	PNKP Antibody, EIEE10 Antibody, DNA 5-kinase/3-phosphatase Antibody, PNK Antibody, MCSZ Antibody
Host	PNKP antibody was produced in Rabbit
Clonality:	Polyclonal
Immunogen Species:	PNKP antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	PNKP antibody was raised against synthetic peptide from human PNKP.
Specificity:	An internal region of human PNK protein.
Epitope:	Internal
Reactivity:	Human, Chimpanzee
Purification:	Immunoaffinity purified
Presentation:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Recommended Storage:	Long term: -20°C; Short term: -20°C
Usage Summary:	Immunohistochemistry: LS-B404 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B404 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Immunofluorescence, Western blot (1:300 - 1:1500), ELISA (1:3000 - 1:12000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	1 mg/ml

Immunohistochemistry Image:



Anti-PNKP antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B404 concentration 5 ug/ml.

Western Blot Image:



Anti-PNK Antibody - Western Blot. Western blot of Affinity Purified anti-PNK antibody shows detection of a 57 kD band corresponding to human PNK in a Y190 yeast cell lysate (lane 1), Y190 yeast cell lysate + human PNK (Gal DNA BP) (lane 2), EM9 XH Chinese hamster ovary cell lysate (lane 3), EM9 XH Chinese hamster ovary cell lysate + human PNK (lane 4) and a HeLa cell lysate (lane 5). Approximately 10 ug of lysate was run on SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:1000 dilution of anti-PNK antibody incubated for 1 hr in TBST at room temperature. Signal was detected using standard techniques.

Requested From:

Japan

Laboratory Reagent For In Vitro Research Use Only

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