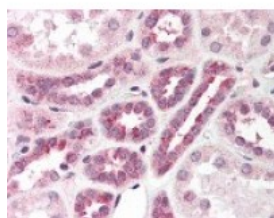




PNKP Antibody

CATALOG NUMBER: 49-465



Immunohistochemistry staining of PNKP in kidney tissue using PNKP Antibody.

Specifications

SPECIES REACTIVITY:	Chimpanzee, Human
TESTED APPLICATIONS:	ELISA, IF, IHC, WB
APPLICATIONS:	PNKP antibody can be used in Western Blot starting at 1 ug/mL, and immunohistochemistry starting at 10 ug/mL.
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.
IMMUNOGEN:	PNKP antibody was raised against an internal region of PNKP (Human).
HOST SPECIES:	Rabbit

Properties

PURIFICATION:	Immunoaffinity Chromatography
PHYSICAL STATE:	Liquid
BUFFER:	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
STORAGE CONDITIONS:	Store PNKP antibody at 4 °C or -20 °C. As with all antibodies avoid freeze/thaw cycles.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	PNKP, EIEEE10, DNA 5-kinase/3-phosphatase, PNK, MCSZ
ACCESSION NO.:	Q96T60
PROTEIN GI NO.:	50401132
OFFICIAL SYMBOL:	PNKP
GENE ID:	11284

Background

BACKGROUND: Mammalian PNK (also known as PNKP, Polynucleotide kinase 3'-phosphatase, DNA 5'-kinase/3'-phosphatase and Polynucleotide kinase) catalyzes the 5 phosphorylation of nucleic acids and can have associated 3 phosphatase activity, predictive of an important function in DNA repair following ionizing radiation or oxidative damage. PNK is a nuclear protein that is expressed in many tissues with highest expression in spleen and testis,

and lowest expression in small intestine.

FOR RESEARCH USE ONLY

December 13, 2016