



Product Information Sheet

Polyclonal Anti-NTKLBP1

Catalogue No. PA1105

Lot No. 08F01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

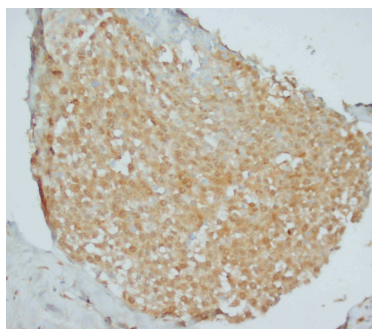
Human, mouse, rat.

No cross reactivity with other proteins.

Recommended application

Western blot

Immunohistochemistry(P)



Immunogen

A synthetic peptide corresponding to a sequence at the middle region of human NTKLBP1, identical to the related rat and mouse sequence.

Purity

Immunogen affinity purified.

Application

Western blot

At 0.5-1µg/ml with the appropriate system to detect NTKLBP1 in cells and tissues.

Immunohistochemistry(P)

At 1-2µg/ml to detect NTKLBP1 in formalin fixed and paraffin embedded tissues. Boiling the sections is required.

Other applications have not been tested.

Optimal dilutions should be determined by end user.

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg Thimerosal, 0.05mg NaN₃.

Reconstitution

0.2ml of distilled water will yield a concentration of 500µg/ml.

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

BACKGROUND

NTKL-BP1 is an evolutionarily conserved protein, and the full-length cDNA sequence of the NTKL-BP1 gene consists of 2,537 bp, which encode 368 amino acids. Its homologues exist in different organisms, including *Arabidopsis thaliana*, *Drosophila melanogaster*, *Plasmodium falciparum*, *Geobacter metallireducens*, *Anopheles gambiae* and human. The expression of NTKL-BP1 was observed in multiple normal mouse tissues. Moreover, immunofluorescent staining indicated that NTKL and NTKL-BP1 were all localized in the cytoplasm.

REFERENCE

1. Di, Y.; Li, J.; Fang, J.; Xu, Z.; He, X.; Zhang, F.; Ling, J.; Li, X.; Xu, D.; Li, L.; Li, Y.-Y.; Huo, K. : Cloning and characterization of a novel gene which encodes a protein interacting with the mitosis-associated kinase-like protein NTKL. *J. Hum. Genet.* 48: 315-321, 2003.