



Rabbit anti dNK (Deoxynucleoside Kinase) Polyclonal Antibody

Alternative Name(s): DNK, 2'-deoxynucleoside kinase, DM-dNK

Order Information

- **Description:** dNK (Deoxynucleoside Kinase)
- **Catalogue:** 601-680
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB
- **Reactivity:** Drosph

ANTIGEN PREPARATION

A synthetic peptide corresponding to the N-terminus of fruit fly Deoxynucleoside kinase protein.

BACKGROUND

Deoxynucleoside kinases (dNK) are key enzymes in deoxyribonucleoside salvage, activating several clinically important chemotherapeutic drugs. Deoxynucleoside kinases catalyze the phosphorylation of deoxyribonucleosides to yield corresponding monophosphates (dNMPs). This family consists of various deoxynucleoside kinases including deoxyribocytidine kinase (dCK), deoxyriboguanosine kinase (dGK), cytosolic thymidine kinase (TK1) and mitochondrial thymidine kinase (TK2).

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes ~30 kDa of dNK protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2°C-8°C for three months without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

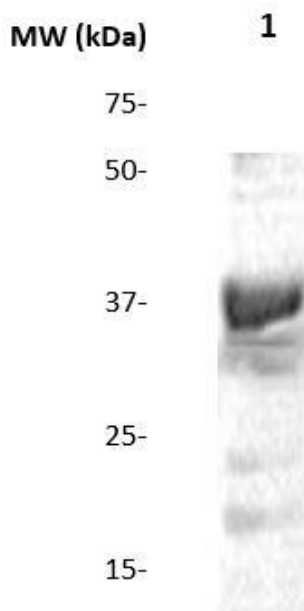
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 30.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com

DATA ATTACHMENTS



Western Blot: The tissue extract derived from fruit fly was immunoblotted by Rabbit anti dNK (Cat#601-680) at 1:500. An immunoreactive band is observed ~30 kDa.

REFERENCES

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