

For Research Use Only

# NUDT8 Polyclonal antibody, PBS Only

Catalog Number:16098-1-PBS



## Basic Information

Catalog Number:

16098-1-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8945

GenBank Accession Number:

BC018644

GeneID (NCBI):

254552

UNIPROT ID:

Q8WV74

Full Name:

nudix (nucleoside diphosphate linked moiety X)-type motif 8

Calculated MW:

236 aa, 25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity purification

## Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

NUDT8 belongs to the Nudix hydrolase family, which is involved in intracellular metabolic processes, especially related to the decomposition and degradation of nucleotides. NUDT8 is a novel CoA diphosphohydrolase that localizes to the mitochondria and is broadly expressed in mitochondria-rich organs such as the heart, kidneys, liver, and brown adipose tissue (PMID: 31004344).

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

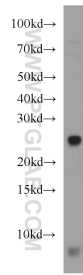
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

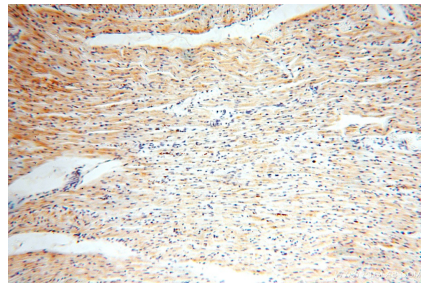
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

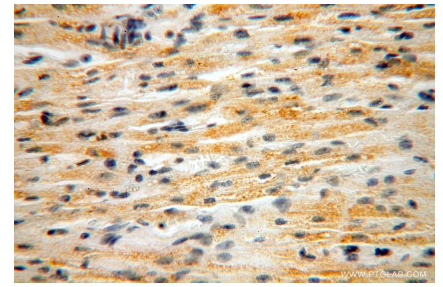
## Selected Validation Data



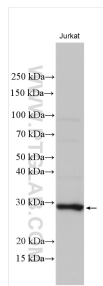
Jurkat cells were subjected to SDS PAGE followed by western blot with 16098-1-AP (NUDT8 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



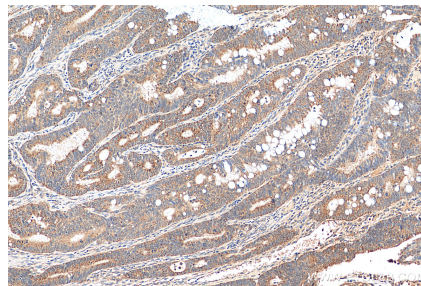
Immunohistochemical analysis of paraffin-embedded human heart using 16098-1-AP (NUDT8 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



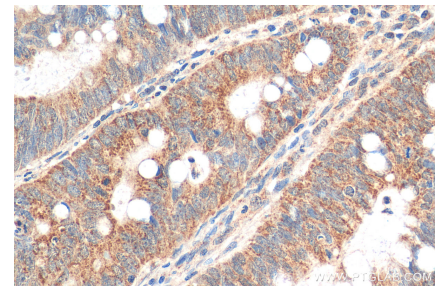
Immunohistochemical analysis of paraffin-embedded human heart using 16098-1-AP (NUDT8 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



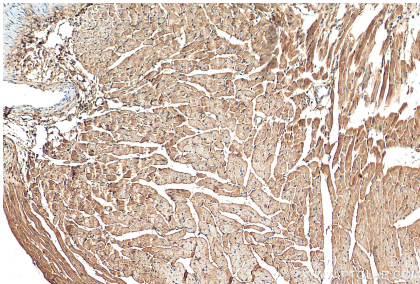
Jurkat cells were subjected to SDS PAGE followed by western blot with 16098-1-AP (NUDT8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



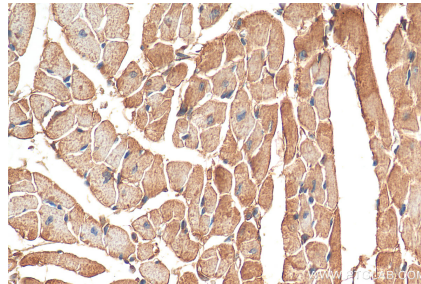
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16098-1-AP (NUDT8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16098-1-AP (NUDT8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16098-1-AP (NUDT8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 16098-1-AP (NUDT8 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.