

For Research Use Only

# NUDT8 Polyclonal antibody, PBS Only

Catalog Number:16098-1-PBS



## Basic Information

**Catalog Number:**

16098-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS only, pH7.3

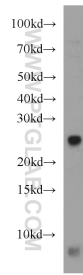
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

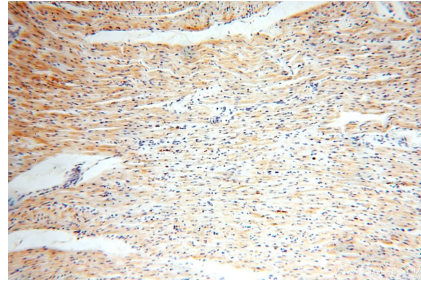
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

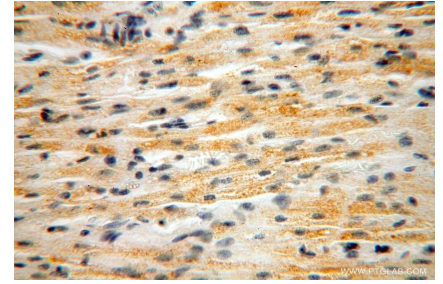
## Selected Validation Data



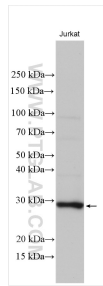
Jurkat cells were subjected to SDS PAGE followed by western blot with 16098-1-AP (NUDT8 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



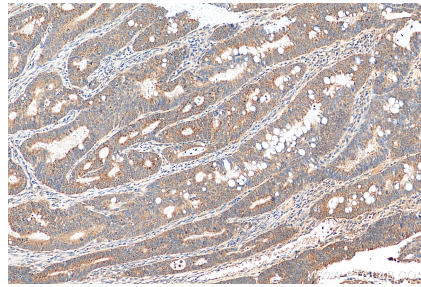
Immunohistochemical analysis of paraffin-embedded human heart using 16098-1-AP (NUDT8 antibody) at dilution of 1:100 (under 10x lens). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



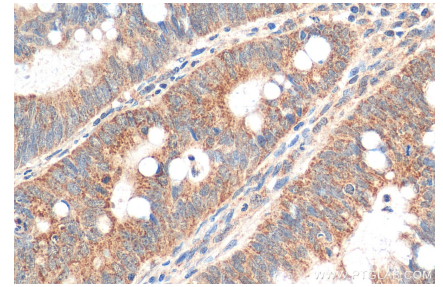
Immunohistochemical analysis of paraffin-embedded human heart using 16098-1-AP (NUDT8 antibody) at dilution of 1:100 (under 40x lens). This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



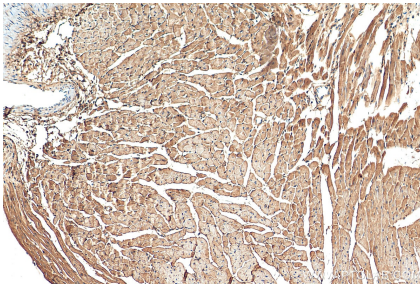
Jurkat cells were subjected to SDS PAGE followed by western blot with 16098-1-AP (NUDT8 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 16098-1-PBS in a different storage buffer formulation.



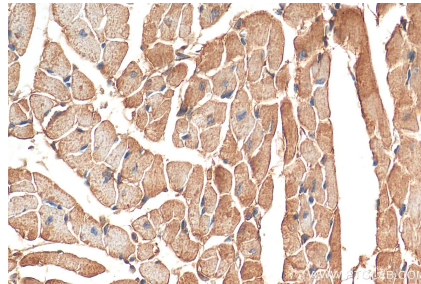
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 16098-1-AP (NUDT8 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 16098-1-PBS in a different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