

For Research Use Only

# NUDT19 Polyclonal antibody

Catalog Number: 55126-1-AP



## Basic Information

<b>Catalog Number:</b> 55126-1-AP	<b>GenBank Accession Number:</b> NM_001105570	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 587 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 390916	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> nudix (nucleoside diphosphate linked moiety X)-type motif 19	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 42 kDa	
	<b>Observed MW:</b> 42-45 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, IHC : human kidney tissue, human liver tissue
<b>Species Specificity:</b> human	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

NUDT19, also named as RP2, belongs to the Nudix hydrolase family. It is a coenzyme A diphosphatase that mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters. The antibody is specific to NUDT19.

## Storage

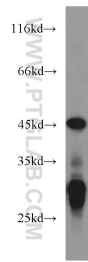
**Storage:**  
Store at -20°C.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

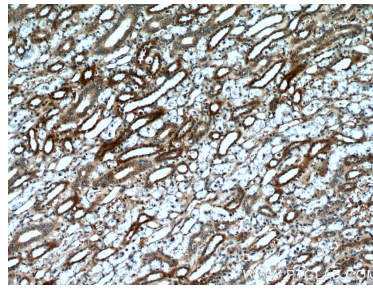
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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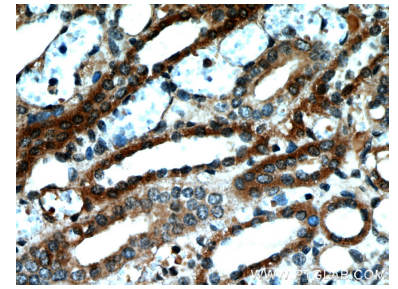
## Selected Validation Data



HEK-293 cells were subjected to SDS PAGE followed by western blot with 55126-1-AP (NUDT19 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 55126-1-AP (NUDT19 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 55126-1-AP (NUDT19 antibody) at dilution of 1:50 (under 40x lens).