

For Research Use Only

# DHTKD1 Polyclonal antibody

Catalog Number: 27493-1-AP **2 Publications**



## Basic Information

**Catalog Number:**

27493-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG26515

**GenBank Accession Number:**

BC007955

**GeneID (NCBI):**

55526

**UNIPROT ID:**

Q96HY7

**Full Name:**

dehydrogenase E1 and transketolase domain containing 1

**Calculated MW:**

103 kDa

**Observed MW:**

103 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:1000-1:6000

IHC 1:50-1:500

IF/ICC 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IHC, WB, ELISA

**Cited Applications:**

WB, IHC

**Species Specificity:**

Human, Mouse, Rat

**Cited Species:**

human, mouse

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

**Positive Controls:**

**WB:** HepG2 cells, PC-13 cells, L02 cells, mouse kidney tissue, mouse liver tissue, rat liver tissue

**IHC:** human lung cancer tissue,

**IF/ICC:** MCF-7 cells,

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Chuan Wang	34484123	Front Endocrinol (Lausanne)	WB
Yanchao Xu	38090626	J Hepatocell Carcinoma	WB,IHC

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

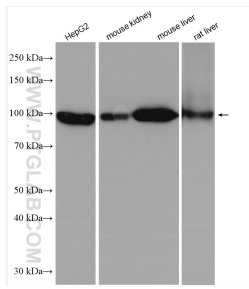
T: 4006900926

E: Proteintech-CN@ptglab.com

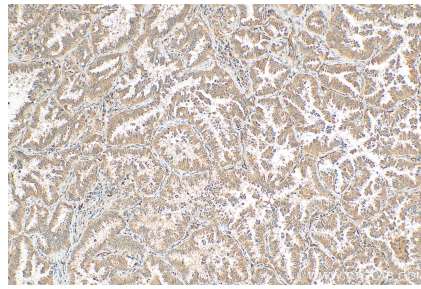
W: ptgcn.com

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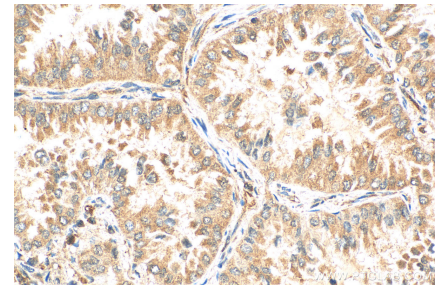
## Selected Validation Data



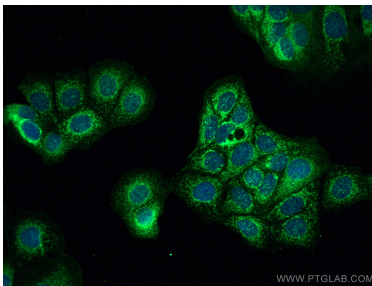
Various lysates were subjected to SDS PAGE followed by western blot with 27493-1-AP (DHTKD1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 27493-1-AP (DHTKD1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 27493-1-AP (DHTKD1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed MCF-7 cells using DHTKD1 antibody (27493-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).