

For Research Use Only

DHTKD1 Polyclonal antibody

Catalog Number: 27493-1-AP

2 Publications



Basic Information

Catalog Number:

27493-1-AP

Size:

150ul, Concentration: 220 ug/ml by Nanodrop and 200 ug/ml by Bradford method using BSA as the standard;

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:

WB, IHC, IF/ICC, 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,

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

*** 20ul sizes contain 0.1% BSA

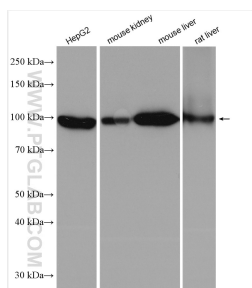
For technical support and original validation data for this product please contact:

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

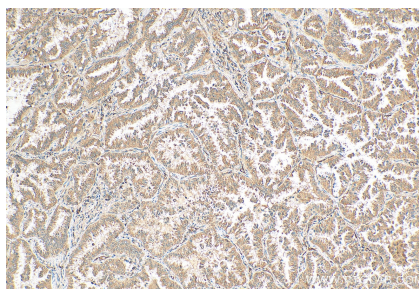
E: proteintech@ptglab.com
W: ptglab.com

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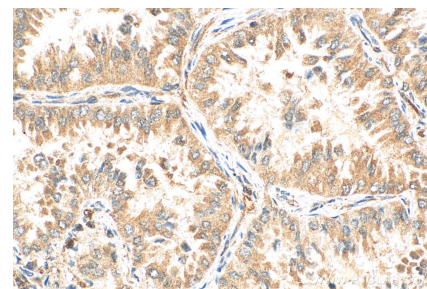
Selected Validation Data



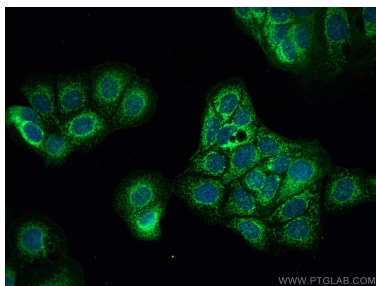
Various lysates were subjected to SDS PAGE followed by western blot with 27493-1-AP (DHTKD1 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



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 Goat Anti-Rabbit IgG(H+L).