For Research Use Only

# HSDL1 Polyclonal antibody

Catalog Number:16988-1-AP 1 Publications

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## Basic Information

Catalog Number:
16988-1-AP

Size:
150ul , Concentration: 500 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10588

GenBank Accession Number:
BC018084

GeneID (NCBI):
83693

UNIPROT ID:
Q3SXM5

Full Name:
hydroxysteroid dehydrogenase like 1

Calculated MW:
330 aa, 37 kDa

Observed MW:
37-40 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:5000
IHC 1:250-1:1000

## Applications

Tested Applications:
WB, IHC, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

***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 : HEK-293 cells, fetal human brain tissue

IHC : human breast cancer tissue, human kidney tissue, human lung tissue

## Notable Publications

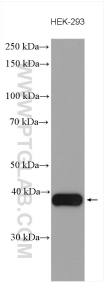
| Author | Pubmed ID | Journal | Application |
|---|---|---|---|
| Odetta Antico | 34767452 | Sci Adv | WB |

## Storage

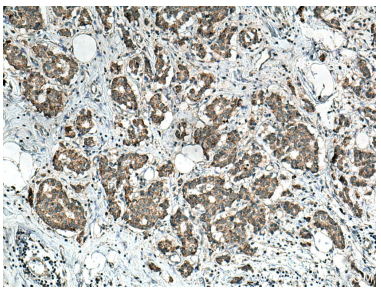
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

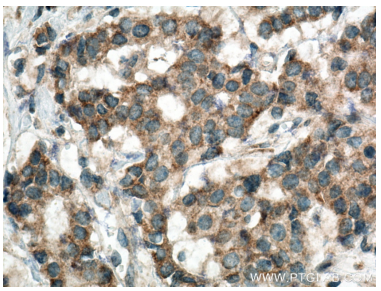
## Selected Validation Data




HEK-293 cells were subjected to SDS PAGE followed by western blot with 16988-1-AP (HSDL1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16988-1-AP (HSDL1 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 16988-1-AP (HSDL1 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).