

For Research Use Only

LACTB2 Polyclonal antibody

Catalog Number: 16783-1-AP

Featured Product



Basic Information

Catalog Number:

16783-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 293 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10213

GenBank Accession Number:

BC000878

GeneID (NCBI):

51110

UNIPROT ID:

Q53H82

Full Name:

Lactamase, beta 2

Calculated MW:

288 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:10-1:100

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

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: MCF-7 cells, PC-3 cells, Y79 cells, A549 cells, HeLa cells

IP: A549 cells,

IHC: human cervix tissue,

IF/ICC: HepG2 cells,

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

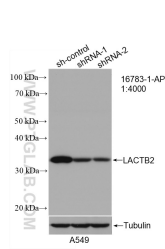
For technical support and original validation data for this product please contact:

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

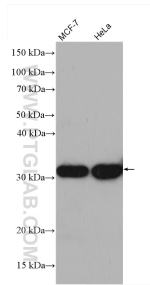
E: proteintech@ptglab.com
W: ptglab.com

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

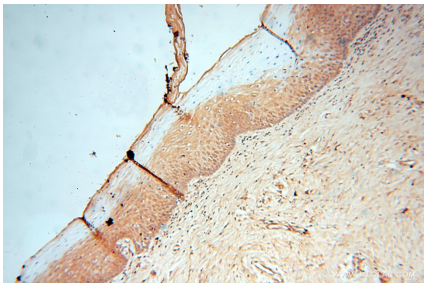
Selected Validation Data



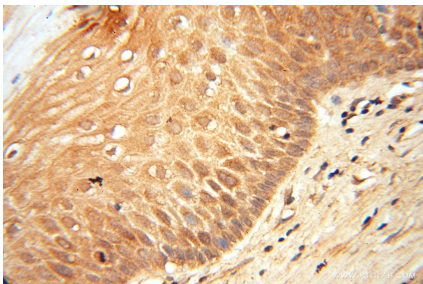
WB result of LACTB2 antibody (16783-1-AP; 1:4000; incubated at room temperature for 1.5 hours) with sh-Control and sh-LACTB2 transfected A549 cells.



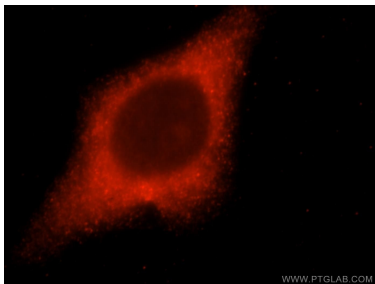
Various lysates were subjected to SDS PAGE followed by western blot with 16783-1-AP (LACTB2 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



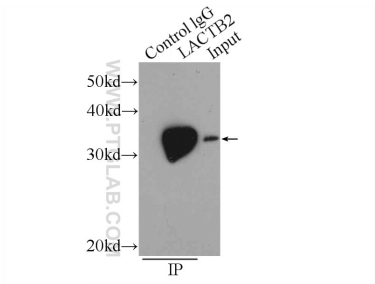
Immunohistochemical analysis of paraffin-embedded human cervix using 16783-1-AP (LACTB2 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human cervix using 16783-1-AP (LACTB2 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HepG2 cells, using LACTB2 antibody 16783-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-LACTB2 (IP:16783-1-AP, 3ug; Detection:16783-1-AP 1:700) with A549 cells lysate 520ug.