

For Research Use Only

CDX1 Polyclonal antibody

Catalog Number: 21655-1-AP



Basic Information

Catalog Number:

21655-1-AP

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16376

GenBank Accession Number:

BC096252

GeneID (NCBI):

1044

UNIPROT ID:

P47902

Full Name:

caudal type homeobox 1

Calculated MW:

265 aa, 28 kDa

Observed MW:

28 kDa, 35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

IHC 1:50-1:500

IF/ICC 1:200-1:800

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: Caco-2 cells, mouse small intestine tissue, mouse stomach tissue, mouse colon tissue, rat colon tissue

IP: Caco-2 cells,

IHC: human colon cancer tissue,

IF/ICC: Caco-2 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

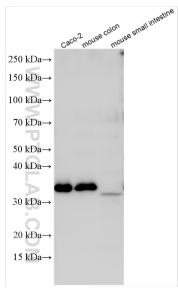
For technical support and original validation data for this product please contact:

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

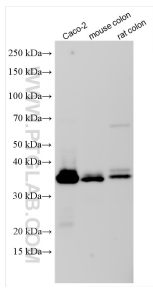
E: proteintech@ptglab.com
W: ptglab.com

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

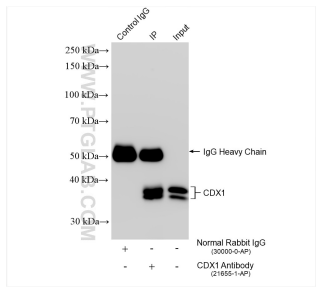
Selected Validation Data



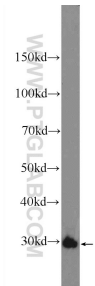
Various lysates were subjected to SDS PAGE followed by western blot with 21655-1-AP (CDX1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



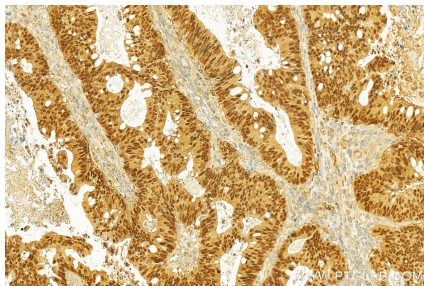
Various lysates were subjected to SDS PAGE followed by western blot with 21655-1-AP (CDX1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



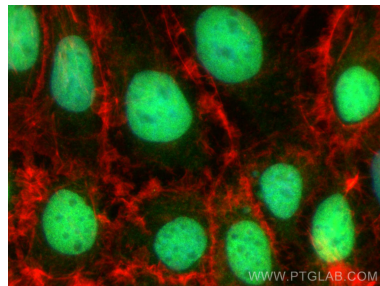
IP result of anti-CDX1 (IP:21655-1-AP, 4ug; Detection:21655-1-AP 1:1000) with Caco-2 cells lysate 1400 ug.



mouse colon tissue were subjected to SDS PAGE followed by western blot with 21655-1-AP (CDX1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded Colorectal cancer slide using 21655-1-AP (CDX1 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed Caco-2 cells using CDX1 antibody (21655-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).