

For Research Use Only

# CDX1 Polyclonal antibody

Catalog Number: 21655-1-AP



## Basic Information

**Catalog Number:**

21655-1-AP

**Size:**

450 ug/ml

**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,

## Background Information

### 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:

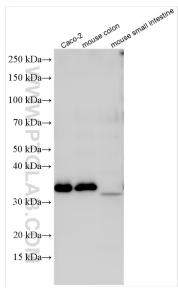
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

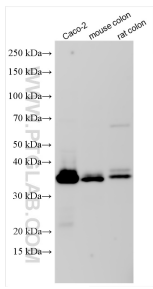
W: [ptgcn.com](http://ptgcn.com)

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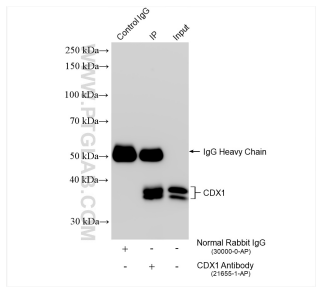
Selected Validation Data



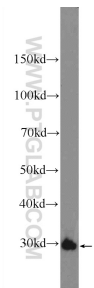
Various lysates were subjected to SDS PAGE followed by western blot with 21655-1-AP (CDX1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



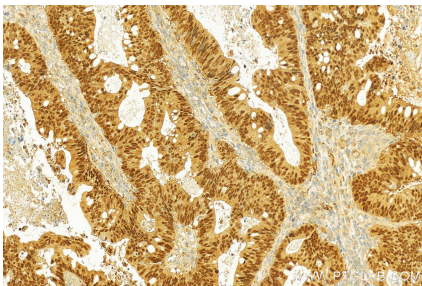
Various lysates were subjected to SDS PAGE followed by western blot with 21655-1-AP (CDX1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



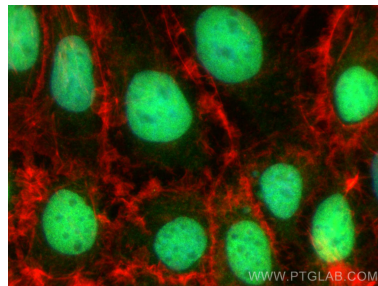
IP result of anti-CDX1 (IP:21655-1-AP, 4ug; Detection:21655-1-AP 1:1000) with Caco-2 cells lysate 1400 ug.



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).