

For Research Use Only

BEND3 Polyclonal antibody

Catalog Number: 23101-1-AP



Basic Information

Catalog Number:

23101-1-AP

Concentration:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19137

GenBank Accession Number:

BC131628

GeneID (NCBI):

57673

UNIPROT ID:

Q5T5X7

Full Name:

BEN domain containing 3

Calculated MW:

828 aa, 94 kDa

Observed MW:

94 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB: 1:500-1:2000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HEK-293 cells, HeLa cells, HepG2 cells, NCCIT cells, U2OS cells

IF/ICC : HEK-293 cells, HeLa cells

Background Information

BEND3 is a quadruple BEN domain-containing protein that associates with heterochromatin and functions as a transcriptional repressor. BEND3 is highly expressed in pluripotent cells, and the induction of differentiation results in the down-regulation of BEND3. (PMID: 35217604, PMID: 25600804)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

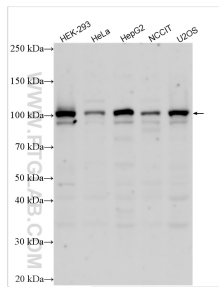
T: 4006900926

E: Proteintech-CN@ptglab.com

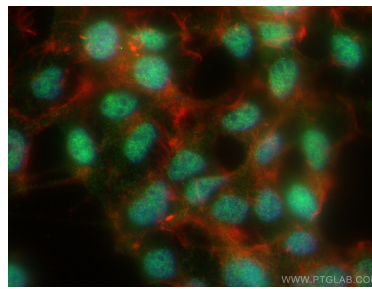
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 23101-1-AP (BEND3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using BEND3 antibody (23101-1-AP) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).