

For Research Use Only

GBX2 Polyclonal antibody, PBS Only

Catalog Number: 21639-1-PBS

Featured Product



Basic Information

Catalog Number:

21639-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG16288

GenBank Accession Number:

BC137448

GeneID (NCBI):

2637

UNIPROT ID:

P52951

Full Name:

gastrulation brain homeobox 2

Calculated MW:

348 aa, 37 kDa

Observed MW:

33-37 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Species Specificity:

human, mouse

Background Information

Homeobox protein GBX-2 (GBX-2) is a homeobox gene essential for normal development of the midbrain and the anterior hindbrain. It mainly expressed in the brain, and located in nucleoplasm. It is presumably a transcription factor that is likely to regulate the expression of genes involved in establishing early A/P pattern in the neural plate (PMID: 9247335).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

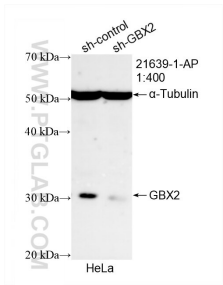
For technical support and original validation data for this product please contact:

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

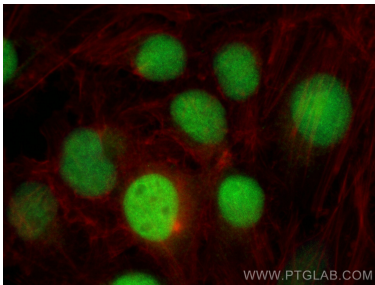
E: proteintech@ptglab.com
W: ptglab.com

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

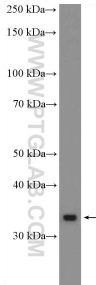
Selected Validation Data



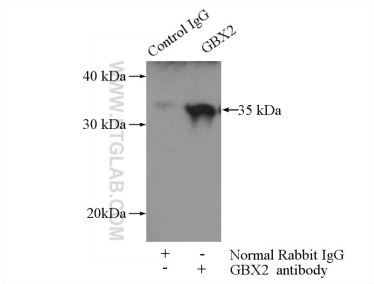
WB result of GBX2 antibody (21639-1-AP; 1:400; incubated at room temperature for 1.5 hours) with sh-Control and sh-GBX2 transfected HeLa cells. This data was developed using the same antibody clone with 21639-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GBX2 antibody (21639-1-AP) at dilution of 1:400 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red). This data was developed using the same antibody clone with 21639-1-PBS in a different storage buffer formulation.



mouse stomach tissue were subjected to SDS PAGE followed by western blot with 21639-1-AP (GBX2 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 21639-1-PBS in a different storage buffer formulation.



IP result of anti-GBX2 (IP:21639-1-AP, 4ug; Detection:21639-1-AP 1:300) with HeLa cells lysate 3000ug. This data was developed using the same antibody clone with 21639-1-PBS in a different storage buffer formulation.