For Research Use Only

BARHL2 Recombinant antibody

Catalog Number:83596-4-RR

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
83596-4-RR

Size:
1000 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG21156

GenBank Accession Number:
BC126439

GeneID (NCBI):
343472

UNIPROT ID:
Q9NY43

Full Name:
BarH-like homeobox 2

Calculated MW:
387 aa, 42 kDa

Observed MW:
42 kDa

Purification Method:
Protein A purification

CloneNo.:
240558G8

Recommended Dilutions:
WB 1:500-1:2000
IF/ICC 1:125-1:500

Applications

Tested Applications:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat

Positive Controls:

WB : mouse cerebellum tissue, rat cerebellum tissue

IF/ICC : HepG2 cells,

Background Information

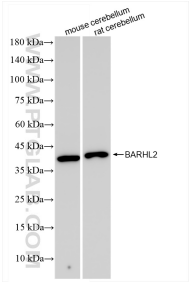
BARHL2 also named as BarH like homeobox 2 is 279 amino acid protein, which contains 1 homeobox DNA-binding domain. BARHL2 localizes in nucleus and belongs to BAR homeobox family. BARHL2 as a transcription factor binds optimally to the DNA consensus sequence. Barx2 may differentially control the expression of L1 and other target genes during embryonic development. Barx2 is expressed in several smooth muscle-containing tissues, as well as skeletal muscle, brain, tongue and esophagus.

Storage

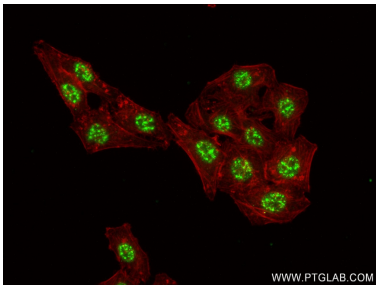
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data

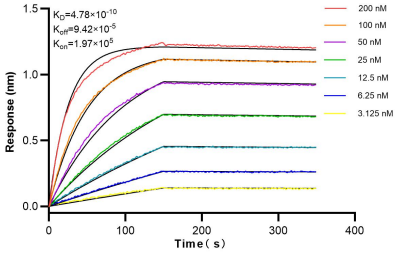


mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 83596-4-RR (BARHL2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BARHL2 antibody (83596-4-RR, Clone: 240558G8) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).

Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BARHL2 antibody (83596-4-RR, Clone: 240558G8) at dilution of 1:1000 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 83596-4-RR against Human BARHL2 were performed. The affinity constant is 0.478 nM.