

For Research Use Only

BARHL2 Polyclonal antibody

Catalog Number: 23976-1-AP

1 Publications



Basic Information

Catalog Number: 23976-1-AP	GenBank Accession Number: BC126439	Purification Method: Antigen Affinity purified
Size: 150ul , Concentration: 240 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 343472	Recommended Dilutions: WB 1:200-1:1000
Source: Rabbit	UNIPROT ID: Q9NY43	IHC 1:20-1:200
Isotype: IgG	Full Name: BarH-like homeobox 2	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG21156	Calculated MW: 387 aa, 42 kDa	
	Observed MW: 42-45 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls: WB : HepG2 cells, NIH/3T3 cells
Cited Applications: WB, IF	IHC : human testis tissue,
Species Specificity: human, mouse	IF/ICC : HepG2 cells,
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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.

Notable Publications

Author	Pubmed ID	Journal	Application
Meiyang Li	38177329	Nat Aging	WB,IF

Storage

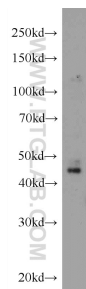
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

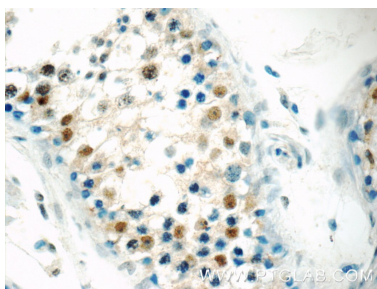
For technical support and original validation data for this product please contact:
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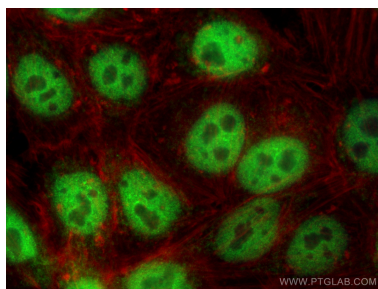
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 23976-1-AP (BARHL2 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human testis tissue slide using 23976-1-AP (BARHL2 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using BARHL2 antibody (23976-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).