

For Research Use Only

BCR Polyclonal antibody

Catalog Number: 22585-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

22585-1-AP

Size:

150ul, Concentration: 700 ug/ml by Nanodrop and 453 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18281

GenBank Accession Number:

BC066122

GeneID (NCBI):

613

UNIPROT ID:

P11274

Full Name:

breakpoint cluster region

Calculated MW:

143 kDa

Observed MW:

150-160 kDa

Purification Method:

Antigen Affinity purified

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, monkey

Cited Species:

human, mouse

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: Y79 cells, COS-7 cells, HEK-293 cells, HeLa cells, K-562 cells, MCF-7 cells

IP: HEK-293 cells,

IHC: human skin tissue,

IF/ICC: HeLa cells, HepG2 cells

Background Information

The Bcr gene, mapping on chromosome 22, was originally identified by its presence in the chimeric Bcr-Abl oncogene. The Bcr gene encodes for the break point cluster region protein (Bcr). Although the BCR-ABL fusion protein has been extensively studied, the function of the normal BCR gene product is not clear. The protein has serine/threonine kinase activity and is a GTPase-activating protein for RAC1 and CDC42. A chromosomal aberration involving BCR has been found in patients with chronic myeloid leukemia.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongtao Xiao	34190380	Neurogastroenterol Motil	WB, IHC
Yijia Ren	39341811	Nat Commun	WB

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

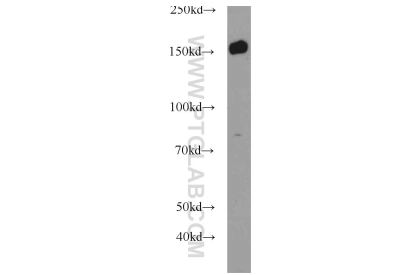
For technical support and original validation data for this product please contact:

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

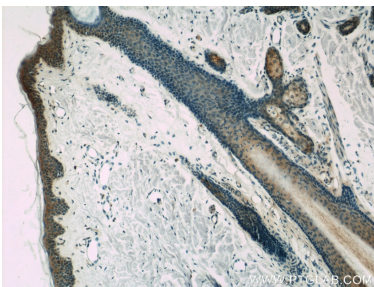
E: proteintech@ptglab.com
W: ptglab.com

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

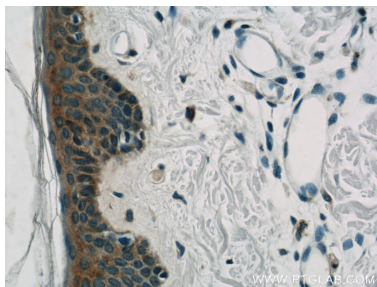
Selected Validation Data



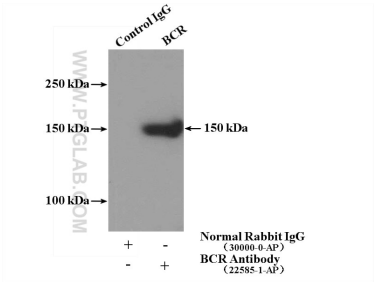
Y79 cells were subjected to SDS PAGE followed by western blot with 22585-1-AP (BCR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



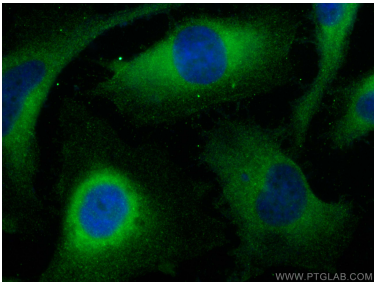
Immunohistochemical analysis of paraffin-embedded human skin slide using 22585-1-AP (BCR Antibody) at dilution of 1:50.



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IP result of anti-BCR (IP:22585-1-AP, 4ug; Detection:22585-1-AP 1:1000) with HEK-293 cells lysate 3000ug.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using BCR antibody (22585-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).