

For Research Use Only

CGGBP1 Polyclonal antibody

Catalog Number: 10716-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

10716-1-AP

Size:

150ul, Concentration: 550 ug/ml by Nanodrop and 427 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1129

GenBank Accession Number:

BC005222

GeneID (NCBI):

8545

UNIPROT ID:

Q9UFW8

Full Name:

CGG triplet repeat binding protein 1

Calculated MW:

19 kDa

Observed MW:

19-23 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF, IP, ChIP, Dot Blot

Species Specificity:

human, mouse, rat

Cited Species:

human

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: HeLa cells, mouse thymus tissue, K-562 cells, Raji cells, HL-60 cells, Jurkat cells, rat thymus tissue

IHC: human breast cancer tissue,

Background Information

CGGBP1, also named as CGGBP, is a 20 kDa CGG-binding protein. It binds to nonmethylated 5'-d(CGG)(n)-3' trinucleotide repeats in the FMR1 promoter. CGGBP1 may play a role in regulating FMR1 promoter. It is a bona fide midbody protein required for normal abscission and mitosis in general. (PMID:20832400)

Notable Publications

Author	Pubmed ID	Journal	Application
Divyesh Patel	31547883	Epigenetics Chromatin	WB, IP
Manthan Patel	33081720	BMC Cancer	WB, Dot Blot
Manthan Patel	32727353	BMC Genet	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

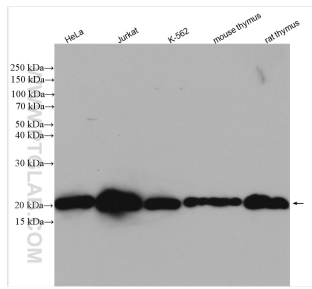
For technical support and original validation data for this product please contact:

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

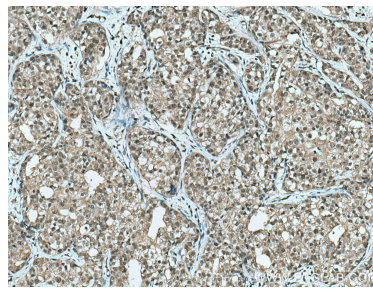
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10716-1-AP (CGGBP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 10716-1-AP (CGGBP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).