

For Research Use Only

# CGGBP1 Polyclonal antibody

Catalog Number: 10716-1-AP

Featured Product

8 Publications



## Basic Information

Catalog Number:

10716-1-AP

Size:

550 µg/ml

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

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

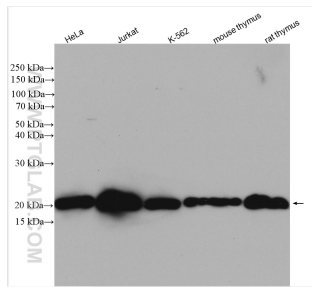
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

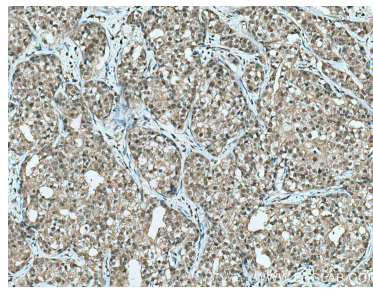
W: [ptgcn.com](http://ptgcn.com)

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## 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).