

For Research Use Only

CGGBP1 Polyclonal antibody

Catalog Number: 10716-1-AP

Featured Product

7 Publications



Basic Information

| | | |
|--|---|---|
| Catalog Number: 10716-1-AP | GenBank Accession Number: BC005222 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 550 µg/ml by Nanodrop and 427 µg/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 8545 | Recommended Dilutions: WB 1:1000-1:4000 IHC 1:50-1:500 |
| Source: Rabbit | Full Name: CGG triplet repeat binding protein 1 | |
| Isotype: IgG | Calculated MW: 19 kDa | |
| Immunogen Catalog Number: AG1129 | Observed MW: 19-23 kDa | |

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

ChIP, Dot Blot, IF, IP, WB

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(CG_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

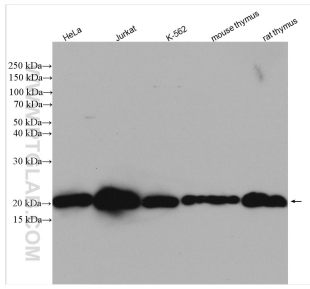
For technical support and original validation data for this product please contact:

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

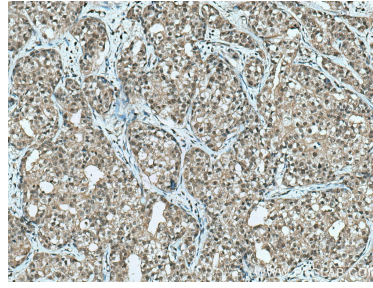
E: proteintech@ptglab.com
W: ptglab.com

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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).