Product Name: CGGBP1 Rabbit Polyclonal Antibody
Catalog #: APRab08720

Summary

Production Name	CGGBP1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	CGGBP1
Alternative Names	CGGBP1; CGGBP; CGG triplet repeat-binding protein 1; CGG-binding protein 1; 20 kDa CGG-binding protein; p20-CGGBP DNA-binding protein
Gene ID	8545.0
SwissProt ID	Q9UFW8.The antiserum was produced against synthesized peptide derived from human CGGBP1. AA range:41-90

Application

Dilution Ratio	IHC 1:100-1:300 ELISA: 1:5000
Molecular Weight	

Background

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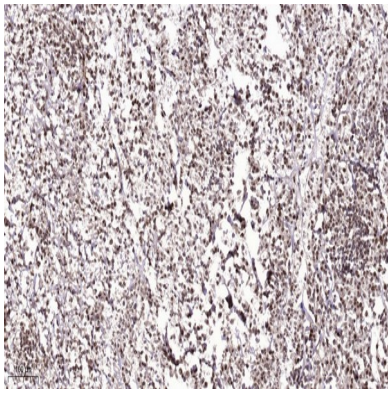
CGGBP1 influences expression of the FMR1 gene (MIM 309550), which is associated with the fragile X mental retardation syndrome (MIM 300624), by specifically interacting with the 5-prime (CGG)n-3-prime repeat in its 5-prime UTR.[supplied by OMIM, Mar 2008],developmental stage:Expressed in fetal brain and kidney. Lower expression in fetal liver and lung.,function:Binds to nonmethylated 5'-d(CGG)(n)-3' trinucleotide repeats in the FMR1 promoter. May play a role in regulating FMR1 promoter.,miscellaneous:Binding is severely inhibited by complete or partial cytosine-specific DNA methylation of the binding motif.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,tissue specificity:Ubiquitous. Highly expressed in placenta, thymus, lymph nodes, cerebellum and cerebral cortex. Low expression in other regions of the brain.,

Research Area

Image Data



Immunohistochemical analysis of paraffin-embedded human Colon cancer. 1, Antibody was diluted at 1:200（4° overnight）. 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200（room temperature, 45min）.

Note

For research use only.