

Product name:	CGGBP1 Rabbit Polyclonal Antibody
Cat number:	ABN08720
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human CGGBP1. AA range:41-90
Reactivity:	Human,Mouse
Applications:	IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	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.,