DATASHEET

CGBP Rabbit Polyclonal Antibody

CAT. NO. APA12804

KEY FEATURES

Target	CGBP	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IF/ICC	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Transcriptional activator that exhibits a unique DNA binding specificity for CpG unmethylated motifs with a preference for CpGG.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to CGBP
Specificity	Recognizes endogenous levels of CGBP protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human CGBP
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 75; Observed: 75 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	CFP1; CGBP; PCCX1; PHF18; CXXC-type zinc finger protein 1; CpG-binding protein; PHD finger and CXXC domain-containing protein 1
Gene Symbol	CXXC1
Entrez Gene	30827(Human); 74322(Mouse)
SwissProt	Q9P0U4(Human); Q9CWW7(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

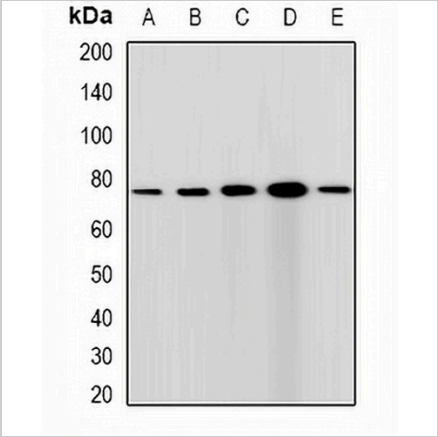
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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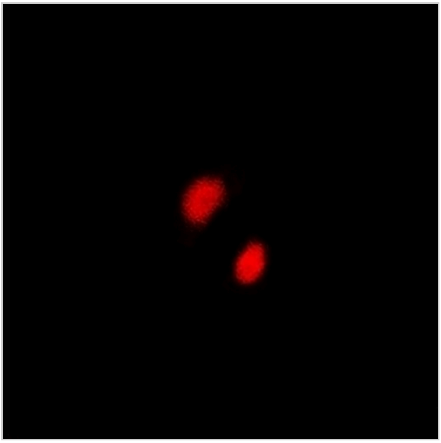
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Western blot analysis of CGBP expression in HepG2 (A), Hela (B), A431 (C), mouse spleen (D), rat testis (E) whole cell lysates. (Predicted band size: 75; 76 kD; Observed band size: 75 kD)



Immunofluorescent analysis of CGBP staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.