



Rabbit Anti-CGBP antibody

SL13878R

Product Name:	CGBP
Chinese Name:	CpGBinding protein抗体
Alias:	2410002I16Rik; 5830420C16Rik; AI426635; CFP 1; CFP1; CpG binding protein; CpG-binding protein; CXXC 1; CXXC finger 1; CXXC finger 1 PHD domain; CXXC finger protein 1; CXXC type zinc finger protein 1; CXXC-type zinc finger protein 1; CXXC1; CXXC1_HUMAN; DNA binding protein with PHD finger and CXXC domain; hCGBP; HsT2645; PCCX 1; PCCX1; PHD finger and CXXC domain containing protein 1; PHD finger and CXXC domain-containing protein 1; PHF 18; PHF18; Protein containing CXXC domain 1; SPP 1; SPP1; ZCGPC 1; ZCGPC1; Zinc finger, CpG binding type containing 1.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	56kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CGBP:401-500/656
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed

Proteins that contain a CXXC motif within their DNA-binding domain, such as CXXC1, recognize CpG sequences and regulate gene expression (Carlone and Skalnik, 2001 [PubMed 11604496]).[supplied by OMIM, Mar 2008]

Function:

Transcriptional activator that exhibits a unique DNA binding specificity for [AC]CpG[AC] unmethylated CpG motifs.

Subcellular Location:

Nucleus speckle. Associated with euchromatin. During mitosis, excluded from condensed chromosomes.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

May be regulated by proteolysis.

Similarity:

Contains 1 CXXC-type zinc finger.

Contains 1 PHD-type zinc finger.

SWISS:

Q9P0U4

Gene ID:

30827

Database links:

[Entrez Gene: 30827](#) Human

[Entrez Gene: 74322](#) Mouse

[Entrez Gene: 291440](#) Rat

[Omid: 609150](#) Human

[SwissProt: Q9P0U4](#) Human

[SwissProt: Q9CWW7](#) Mouse

[SwissProt: A1A5S2](#) Rat

[Unigene: 180933](#) Human

[Unigene: 17537](#) Mouse

Product Detail:

[Unigene: 86349](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

www.sunlongbiotech.com