

bs-9852R**[Primary Antibody]****Bioss**
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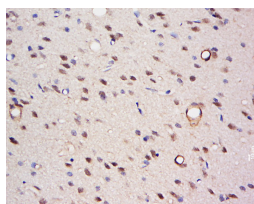
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TFCP2C Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 7024	SWISS: Q12800	
Target: TFCP2C		Reactivity: Rat (predicted: Human, Mouse, Sheep, Cow, Chicken, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human TFCP2C: 201-300/502.		
Purification: affinity purified by Protein A		Predicted MW.: 57 kDa
Concentration: 1mg/ml		Subcellular Location: Nucleus
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: CP2 family gene products are reported to be involved in a-globin gene expression. Mouse CP2c (also known as a-CP2/CP2/LSF/UBP-1) is a homologue of human LBP-1c with 96% amino acid sequence identity. CP2c was initially identified as an activator of the mouse a-globin gene, which binds to the consensus DNA-binding sequence CNRG-N6-CNR(G/C) within a promoter element overlapping the CCAAT box. The transcriptional activity of CP2c was increased during induced differentiation of MEL cells and associated globin gene transcription. CP2c is also likely to be involved in regulation of non-globin erythroid-specific genes. It was reported that congenital erythropoietic porphyria was caused by the mutations in GATA-1 and CP2c binding sites within the promoter of the uroporphyrinogen III synthase gene, the fourth enzyme in the heme biosynthetic pathway.		

— VALIDATION IMAGES —

Tissue/cell: Rat brain tissue; 4%
Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-TFCP2C Polyclonal Antibody, Unconjugated(bs-9852R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining