

bs-18712R**[Primary Antibody]****MCAF2 Rabbit pAb****BioSS**
ANTIBODIES

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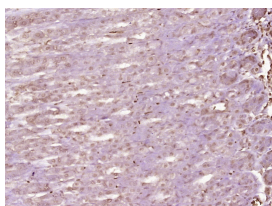
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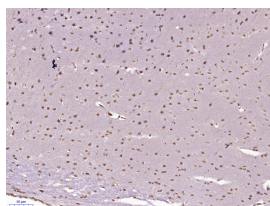
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 80063	SWISS: Q5U623	
Target: MCAF2		Reactivity: Human, Mouse (predicted: Pig, Sheep, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human MCAF2: 601-682/682.		
Purification: affinity purified by Protein A		Predicted MW.: 76 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: MCAF2 is a 682 amino acid nuclear protein that exists as two alternatively spliced isoforms. MCAF2 can act as either an activator or repressor, thereby modulating chromatin formation and/or transcription regulation by linking transcription factors to transcription apparatuses. A member of the MCAF family, MCAF2 contains one fibronectin type-III domain and is thought to form a complex with ESET and MBD1. The gene encoding MCAF2 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, as is Crohn's disease, which is a gastrointestinal inflammatory condition.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Mouse stomach); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MCAF2) Polyclonal Antibody, Unconjugated (bs-18712R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MCAF2) Polyclonal Antibody, Unconjugated (bs-18712R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.