

bs-14596R**[Primary Antibody]****BioSS**
ANTIBODIES

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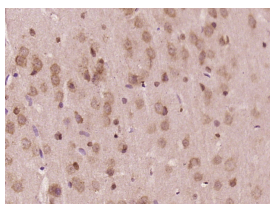
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ENO4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 387712	SWISS: A6NNW6	
Target: ENO4		Reactivity: Rat (predicted: Human, Rabbit, Sheep, Cow)
Immunogen: KLH conjugated synthetic peptide derived from human ENO4: 401-500/628.		
Purification: affinity purified by Protein A		Predicted MW.: 69 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm
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: Enolases have been characterized as highly conserved cytoplasmic glycolytic enzymes that may be involved in differentiation. Three isoenzymes have been identified, alpha enolase, beta enolase and gamma enolase. alpha enolase expression has been detected on most tissues, whereas betaenolase is expressed predominantly in muscle tissue and gamma enolase is detected only in nervous tissue. These isoforms exist as both homodimers and heterodimers, and they play a role in converting phosphoglyceric acid to phosphoenolpyruvic acid in the glycolytic pathway. ENO4 (Enolase-like protein ENO4), also known as C10orf134, is a 628 amino acid protein that belongs to the Enolase family. ENO4 is expressed as two isoforms produced by alternative splicing and is encoded by a gene mapping to human chromosome 10q25.3 and murine chromosome 19 D3.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat 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 (ENO4) Polyclonal Antibody, Unconjugated (bs-14596R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.