

bs-16336R**[Primary Antibody]****GSH2 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Dog, Horse) Predicted MW.: 32 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 170825	SWISS: Q9BZM3	
Target: GSH2		
Immunogen: KLH conjugated synthetic peptide derived from human GSH2: 211-304/304.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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: The homeobox DNA-binding domain is a 60 amino acid motif that is conserved among many species and functions to bind DNA via a helix-turn-helix structure. The homeobox DNA-binding domain is commonly found in proteins that play a role in development and are involved in transcriptional regulation and the control of gene expression. GSH-2 (GS homeobox-2), also known as GSX2, is a 304 amino acid protein that contains one homeobox DNA-binding domain. Localized to the nucleus, GSH-2 is thought to function as a transcription factor that selectively binds the DNA sequence 5'-CNAATTAG-3'. Specifically, GSH-2 may be involved in neuronal differentiation, playing a role in spinal cord development.		