

bs-5285R**[Primary Antibody]****phospho-CARM1 (Ser228) Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 10498	SWISS: Q86X55	IF (1:100-500)
Target: CARM1 (Ser228)		ELISA (1:5000-10000)
Immunogen: KLH conjugated Synthesised phosphopeptide derived from human CARM1 around the phosphorylation site of Ser228: VK(p-S)NN.		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 66 kDa
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.		Subcellular Location: Nucleus
Background: The protein encoded by this gene is similar to oxidoreductases, which are enzymes involved in cellular responses to oxidative stresses and irradiation. This gene is induced by the tumor suppressor p53 and is thought to be involved in p53-mediated cell death. It contains a p53 consensus binding site in its promoter region and a downstream pentanucleotide microsatellite sequence. P53 has been shown to transcriptionally activate this gene by interacting with the downstream pentanucleotide microsatellite sequence. The microsatellite is polymorphic, with a varying number of pentanucleotide repeats directly correlated with the extent of transcriptional activation by p53. It has been suggested that the microsatellite polymorphism may be associated with differential susceptibility to cancer. At least two transcript variants encoding the same protein have been found for this gene (from EntrezGene).		