

bs-12985R**[Primary Antibody]****DBPA Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

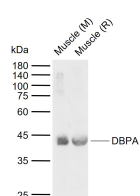
sales@bioss.com.cn

techsupport@bioss.com.cn

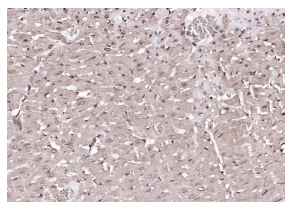
400-901-9800

— DATASHEET —

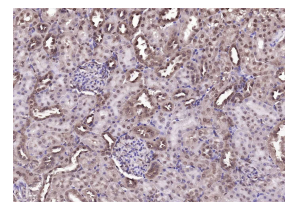
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 8531	SWISS: P16989	IHC-F (1:100-500)
Target: DBPA		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human DBPA/CSDA1: 165-270/372.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Sheep, Cow, Dog)
Purification: affinity purified by Protein A		Predicted MW.: 40 kDa
Concentration: 1mg/ml		Subcellular Location: Cytoplasm ,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: CSDA is a 372 amino acid nuclear and cytoplasmic protein that is highly expressed in skeletal muscle and heart. Containing one CSD (cold-shock) domain, CSDA is thought to bind to GM-CSF promoter, full length mRNA and to short RNA sequences containing a specific consensus site. CSDA is suggested to have a role in translation repression and is found in a mRNP complex with MSY2. MSY2 belongs to the Y-box family of multifunctional proteins that regulate both transcription and translation. CSDA participates in promoting cell proliferation and expression of cyclin D1 and proliferating cell nuclear antigen (PCNA). CSDA is regarded to be an important component of the mechanisms that sense epithelial density and in regulating the switch between proliferation and differentiation through complex transcriptional networks.		

— VALIDATION IMAGES —

Sample: Lane 1: Mouse Muscle tissue lysates
Lane 2: Rat Muscle tissue lysates Primary: Anti-DBPA (bs-12985R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 40 kDa Observed band size: 40 kDa



Paraformaldehyde-fixed, paraffin embedded (rat heart); 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 (DBPA) Polyclonal Antibody, Unconjugated (bs-12985R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney); 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 (DBPA) Polyclonal Antibody, Unconjugated (bs-12985R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.706]** Jeļena Moisejenko-Goluboviča. et al. Serum Vitamin D Levels Explored in the Latvian Cohort of Patients with Basal Cell Carcinoma Linked to the Sonic Hedgehog and Vitamin D Binding Protein Cutaneous Tissue Indices. NUTRIENTS. 2022 Jan;14(16):3359 IHC ;Human. 36014865

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.