

bs-21971R**[Primary Antibody]****FOXD1 Rabbit pAb****Bioss**
ANTIBODIES

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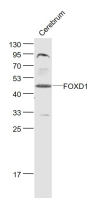
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Rat (predicted: Human, Mouse, Pig)
GeneID: 2297	SWISS: Q16676	
Target: FOXD1		Predicted MW.: 46 kDa
Immunogen: KLH conjugated synthetic peptide derived from human FOXD1 : 1-100/465.		Subcellular Location: Nucleus
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: FOXD1 is involved in regulating inflammation as well as kidney and retinal development. FOXD1 regulates the activity of NFAT and NFkB. Deficiency of FOXD1 results in multiorgan systemic inflammation, exaggerated Th cell-derived cytokine production, and T cell proliferation in autologous MLRs. In kidneys, FOXD1 controls the production of signals required for the normal transition of induced mesenchyme into tubular epithelium and full growth and branching of the collecting system. Deletion of FOXD1 results in renal abnormalities. FOXD2 acts as a modulator of T cell activation.		

— VALIDATION IMAGES —

Sample: Cerebrum (Rat) Lysate at 40 ug Primary:

Anti- FOXD1 (bs-21971R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 46 kD

Observed band size: 46 kD