bs-8730R

[Primary Antibody]

FOX C2 Rabbit pAb



400-901-9800

– DATASHEET –––––		
Host: Rabbit	lsotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GenelD: 2303	SWISS: Q99958	
Target: FOX C2		
Immunogen: KLH conjugated sy 101-200/501.	nthetic peptide derived from human FOX C2:	
Purification: affinity purified by	Protein A	Poactivity: Mouse (predicted Human
Concentration: 1mg/ml		Rat, Cow, Chicken)
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.		Predicted MW.: ^{53 kDa}
Background: FOXC2 is a member family, whose mer and cell differentia adipocyte metabo adrenergic-cAMP- alteration of adipo Increased FOXC2 la counteract most o FOXC2 expression chondrogenic diffe haploinsufficiency autosomal domina lymphedema of th (distichiasis) (5). M and cranial skeleto skeletal tissue dev Notch signaling pa (2).	r of forkhead/winged helix transcription factor nbers serve as key regulators in embryogenesis tion (3). FOXC2 functions as a key regulator of ism by increasing the sensitivity of the beta- protein kinase A (PKA) signaling pathway through cyte PKA holoenzyme composition (4). wels, induced by high fat diet, seem to if the symptoms associated with obesity (4). is also associated with the early stage of prentiation both in vivo and in vitro (3). FOXC2 results in Lymphedema-distichiasis (LD), an int disorder that classically presents as e limbs, and double rows of eyelashes utant mice null for FOXC2 show defects in axial genesis, suggesting a requirement of FOXC2 for elopment (3). FOXC2 interacts with FOXC1 in the thway (1) and in kidney and heart development	Subcellular Location: ^{Nucleus}

— VALIDATION IMAGES



Sample: Cerebellum (Mouse) Lysate at 40 ug Primary: Anti- FOX C2 (bs-8730R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size:53 kD

- [IF=7.9] Tiantian Ye. et al. Borneol regulates meningeal lymphatic valve plasticity to clear Aβ aggregates in the prevention of AD-like symptoms. PHYTOMEDICINE. 2024 May;:155753 IF,WB ;MOUSE. 38795693
- [IF=4.7] Yudong Wang. et al. Modulation of the Epithelial-mesenchymal transition process by Forkhead Box C2 in the repair of airway epithelium after injury.respiratory research.2025 Mar 10;26(1):96. IHC ;MOUSE. 40065336