

bsm-62961R**[Primary Antibody]****BioSS**
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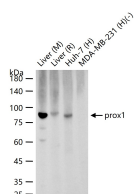
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prox1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1:2000) Reactivity: Human, Mouse, Rat Predicted MW.: 83 Subcellular Location: Nucleus
Clonality: Recombinant	CloneNo.: 20A11	
GeneID: 5629	SWISS: Q92786	
Target: prox1		
Immunogen: A synthesized peptide derived from human Prospero homeobox protein 1: 10-36.		
Purification: affinity purified by Protein A		
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: Transcription factor involved in developmental processes such as cell fate determination, gene transcriptional regulation and progenitor cell regulation in a number of organs. Plays a critical role in embryonic development and functions as a key regulatory protein in neurogenesis and the development of the heart, eye lens, liver, pancreas and the lymphatic system. Involved in the regulation of the circadian rhythm.		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with prox1 monoclonal antibody, unconjugated (bsm-62961R) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.