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Anti-Prox1 Antibody

Our Anti-Prox1 primary antibody from PhosphoSolutions is mouse monoclonal. It detects chicken, human
Catalog # AN1529

Product Information

Application	IHC
Primary Accession	Q92786
Reactivity	Rat
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	5G10
Calculated MW	83203

Additional Information

Gene ID	5629
Other Names	Homeobox prospero like protein antibody, Homeobox prospero like protein PROX1 antibody, Homeobox prospero-like protein PROX1 antibody, Prospero homeobox 1 antibody, Prospero homeobox protein 1 antibody, Prospero related homeobox 1 antibody, prospero-related homeobox gene 1 antibody, PROX 1 antibody, PROX-1 antibody, PROX1 antibody, PROX1_HUMAN antibody, zgc:111888 antibody
Target/Specificity	Prox1 (Prospero-related homeobox 1) is a divergent homeogene that regulates cell proliferation, fate determination and differentiation during vertebrate embryonic development. The protein is expressed in the developing lens and is also detected in embryonic brain, lung, liver and kidney; while in adult it is more abundant in heart and liver than in brain, skeletal muscle, kidney and pancreas (Chen et al., 2006). Prox1 is thought to play a fundamental role in early development of the CNS and may regulate gene expression and development of postmitotic undifferentiated young neurons (Misra et al., 2008)
Dilution	IHC~~1:100~500
Format	Protein G Purified
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Prox1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.