

bs-4852R**[Primary Antibody]**

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PIM3 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 415116	SWISS: Q86V86	IHC-F (1:100-500)
Target: PIM3		IF (1:50-200)
Immunogen: KLH conjugated synthetic peptide derived from human PIM3: 1-100/326.		ELISA (1:5000-10000)
Purification: affinity purified by Protein A		Reactivity: (predicted: Human)
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.		Predicted MW.: 36 kDa
Background: The Pim family serine/threonine protein kinases were first identified in studies examining genes targeted for proviral insertion in murine leukemia virus-induced T lymphomas. Increased levels of Pim kinases predispose cells to lymphomagenesis and enhance the activity of mitogenic proteins such as p100, c-Myb, and Cdc25A. In addition, Pim kinases are also involved in modulation of synaptic strength in neurons and anti-apoptotic signaling in hematopoietic progenitor cells. Pim-3, a member of the proto-oncogene Pim family that expresses serine/threonine kinase activity, shares significant homology with Pim-1 serine/threonine protein kinases. Pim-3 may function as a mediator of synaptic plasticity in the brain and is presumably involved in the anti-apoptosis process and cell cycle progression as well as the proliferation of human hepatoma cell lines. The Pim-3 protein is widely expressed, however no expression is observed in the colon, thymus, or small intestine.		Subcellular Location: Cytoplasm

— SELECTED CITATIONS —

- **[IF=3.73]** Hu, Jianran, Yu Li, and Ping Li. "MARVELD1 Inhibits Nonsense-Mediated RNA Decay by Repressing Serine Phosphorylation of UPF1." PLOS ONE 8.6 (2013): e68291. WB ;="Human". 23826386
- **[IF=3.269]** Guansheng Liao. et al. Long non-coding RNA nuclear enriched abundant transcript 1 (NEAT1) modulates inhibitor of DNA binding 1 (ID1) to facilitate papillary thyroid carcinoma development by sponging microRNA-524-5p. BIOENGINEERED. 2022;13(5):13201-13212 WB ;Human. 35635748