

PIM1 Polyclonal Antibody

CATALOG NO:	3787R-30T	30 µg (Trial size)
	3787R-100	100 µg
HOST:	Rabbit	
IMMUNOGEN:	Synthetic peptide surrounding amino acid 296 of rat PIM1 (Internal ID# BV-D26G)	
SPECIES:	Human, Mouse, Rat	

FORMULATION:

0.5 mg/ml affinity purified rabbit anti-PIM1 polyclonal antibody in phosphate (PBS, pH 7.2) containing 30% glycerol, 0.5 % BSA and 0.01% thimerosal.

STORAGE CONDITIONS:

Store at -20°C. For long-term storage, aliquot and freeze at -70°C. Avoid repeated freezing/thaw cycles.

BACKGROUND DESCRIPTION:

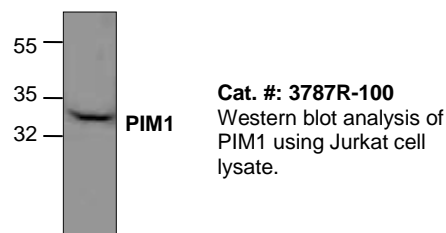
The proto-oncogene Pim1 belongs to a family of serine/threonine protein kinases that are highly conserved through evolution in multicellular organisms. Pim1 is involved in the control of cytokine-mediated cell proliferation, differentiation and survival of lymphoid and myeloid cells as well as others. Expression of Pim1 can be stimulated by a variety of growth factors and is regulated at four different levels: transcriptional, post-transcriptional, translational and post-translational. Recently, Pim1 has been shown to enhance the activities of p100, c-Myb and Cdc 25a and in part this might explain reported effects of Pim1 on mitogenesis.

SPECIFICITY:

The antibody recognizes ~33 kDa of PIM1 isoform from samples of human, mouse and rat origins. Reactivity to other species has not been determined.

APPLICATION:

The antibody can be used for Western blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Blocking peptide is available separately (Cat.# 3787RBP-50).



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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
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