

Rabbit PIM1 Polyclonal Antibody | anti-PIM1 antibody

PIM1 Polyclonal Antibody

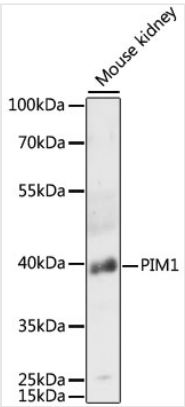
CATALOG # AAA281199	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

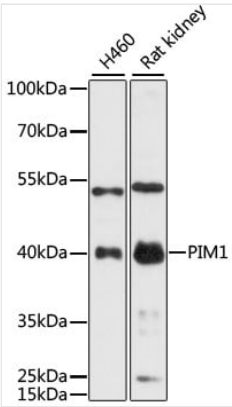
PIM1; Polyclonal Antibody; PIM1 Polyclonal Antibody; PIM; anti-PIM1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence	MLLSKINSLA HLRAAPCNDL HATKLAPGKE KEPLESQYQV GPLLGSGGFG SVYSGIRVSD NLPVAIKHVE KDRISDWGEL PNGTRVPM EV VLLKKVSSGF SGVIRLLDWF ERPDSFVLIL ERPEPVQDLF DFITERGALQ EELARSFFWQ VLEAVRHCHN CGVLHRDIKD ENILIDLNRG ELKLIDFGSG ALLKDTVYTD FDGTRVYSPP EWIRYHRYHG RSAAVWSLGI LLYDMVCGDI PFEHDEEIIIR GQVFF
Sequence Length	404
Applicable Applications for anti-PIM1 antibody	WB (Western Blot)
Immunogen	Recombinant protein of human PIM1
Immunogen Species	Human
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Cellular Location	Cell membrane, Cytoplasm, Nucleus
Positive Samples	H460, Mouse kidney, Rat kidney
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.



WB (Western Blot)
Western blot analysis of extracts of mouse kidney, using PIM1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 30s.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using PIM1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-PIM1 antibody	The protein encoded by this gene belongs to the Ser/Thr protein kinase family, and PIM subfamily. This gene is expressed primarily in B-lymphoid and myeloid cell lines, and is overexpressed in hematopoietic malignancies and in prostate cancer. It plays a role in signal transduction in blood cells, contributing to both cell proliferation and survival, and thus provides a selective advantage in tumorigenesis. Both the human and orthologous mouse genes have been reported to encode two isoforms (with preferential cellular localization) resulting from the use of alternative in-frame translation initiation codons, the upstream non-AUG (CUG) and downstream AUG codons (PMIDs:16186805, 1825810).
Product Categories/Family for anti-PIM1 antibody	Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	342307046
NCBI GeneID	5292
NCBI Accession #	NP_001230115.1
NCBI GenBank Nucleotide #	NM_001243186.1
UniProt Accession #	P11309; Q38RT9; Q5T7H7; Q96RG3
Molecular Weight	Calculated: 35kDa; 45kDa Observed: 35kDa
NCBI Official Full Name	serine/threonine-protein kinase pim-1 isoform 1
NCBI Official Synonym Full Names	Pim-1 proto-oncogene, serine/threonine kinase
NCBI Official Symbol	PIM1
NCBI Official Synonym Symbols	PIM
NCBI Protein Information	serine/threonine-protein kinase pim-1
UniProt Protein Name	Serine/threonine-protein kinase pim-1
UniProt Gene Name	PIM1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/pim1-antibody-western-blot-elisa/281199>