

Rabbit PIM1 Polyclonal Antibody | anti-PIM1 antibody

PIM1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285792	Rabbit	Human (Predicted Reactivity: Bovine)	Immunohistochemistry, ELISA, Western Blot

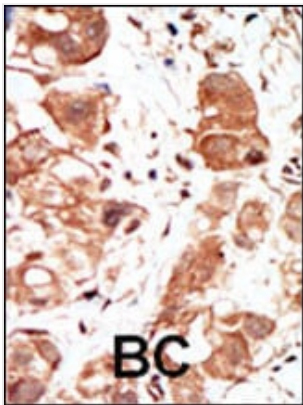
PRODUCT SYNONYMS

PIM1; Polyclonal Antibody; PIM1 Antibody (C-term); Serine/threonine-protein kinase pim-1; anti-PIM1 antibody

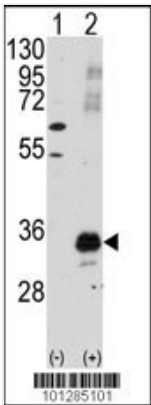
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PIM1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 374-404 amino acids from the C-terminal region of human PIM1.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 1.37 (varies by lot)
Sequence Positions	374-404
Sequence Length	404
Applicable Applications for anti-PIM1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

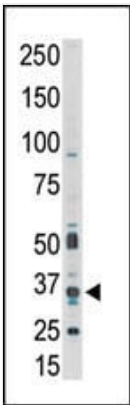
IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



WB (Western Blot)
Western blot analysis of PIM1 (arrow) using PIM1 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the PIM1 gene (Lane 2) (Origene Technologies).



WB (Western Blot)
Western blot analysis of anti-PIM1 Pab in A549 cell lysate. PIM1 (arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

ADDITIONAL INFORMATION

Related Product Information for anti-PIM1 antibody	PIM1, which belongs to the Serine/Threonine protein kinase family, is thought to play a role in signal transduction in blood cells. The protooncogene PIM1 encodes a protein kinase upregulated in prostate cancer. It may affect the structure or silencing of chromatin by phosphorylating HP1 gamma/CBX3. PIM1 is expressed primarily in cells of the hematopoietic and germ line lineages.
Product Categories/Family for anti-PIM1 antibody	Cancer; Signal Transduction
References	Strausberg, R.L., et al., Proc. Natl. Acad. Sci. U.S.A. 99(26):16899-16903 (2002). Pasqualucci, L., et al., Nature 412(6844):341-346 (2001). Koike, N., et al., FEBS Lett. 467(1):17-21 (2000). Reeves, R., et al., Gene 90(2):303-307 (1990). Telerman, A., et al., Mol. Cell. Biol. 8(4):1498-1503 (1988).

NCBI AND UNIPROT INFORMATION

NCBI GI #	342307046
NCBI GeneID	5292
NCBI Accession #	NP_001230115.1; NP_002639.1
NCBI GenBank Nucleotide #	NM_001243186.1

UniProt Accession #	P11309 ; Q38RT9 ; Q5T7H7 ; Q96RG3
Molecular Weight	45412
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
UniProt Entry Name	PIM1_HUMAN

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-immunohistochemistry-western-blot-elisa/285792>