

Rabbit anti-Human PIM1 Monoclonal Antibody | anti-PIM1 antibody

PIM1 Rabbit mAb

CATALOG # AAA282791	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	--

PRODUCT SYNONYMS

PIM1; Monoclonal Antibody; PIM1 Rabbit mAb; PIM; anti-PIM1 antibody

PRODUCT SPECIFICATIONS

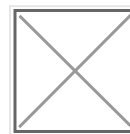
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	MLLSKINSLA HLRAAPCNDL HATKLAPGKE KEPLESQYQV GPLLGSGGFG SVYSGIRVSD NLPVIAKHVE KDRISDWGEL PNGTRVPM EV VLLKKVSSGF
Applicable Applications for anti-PIM1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human PIM1 (P11309).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



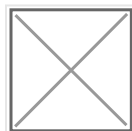
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Rat brain using PIM1 Rabbit mAb (AAA282791) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



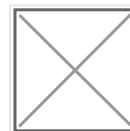
IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse brain using PIM1 Rabbit mAb (AAA282791) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human liver using PIM1 Rabbit mAb (AAA282791) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human cervix using PIM1 Rabbit mAb (AAA282791) at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from 22Rv1 cells, using PIM1 Rabbit mAb (AAA282791) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). 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	Epigenetics Nuclear Signaling; Epigenetic writers and erasers of core Histones; Chromatin Remodeling; Cancer; Signal Transduction; Kinase; Serine threonine kinases; Cell Biology Developmental Biology; Apoptosis; Immunology Inflammation; Jak-Stat-IL-6 Receptor

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 MW: 36kDa Observed MW: 32kDa
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pim1-antibody-immunohistochemistry-western-blot-elisa/282791>