

Rabbit anti-Human, mouse Pim1 Polyclonal Antibody | anti-Pim1 antibody

Mouse Pim1 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288855	Rabbit	Human, mouse	ELISA, Western Blot

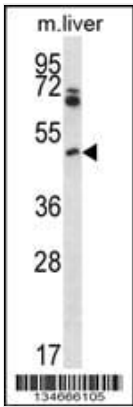
PRODUCT SYNONYMS

Pim1; Polyclonal Antibody; Mouse Pim1 Antibody (C-term); Serine/threonine-protein kinase pim-1; Pim-1; anti-Pim1 antibody

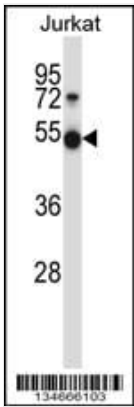
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Pim1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 343-372 amino acids from the C-terminal region of mouse Pim1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	343-372
Sequence Length	397
Applicable Applications for anti-Pim1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
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



WB (Western Blot)
Mouse Pim1 Antibody (C-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the Pim1 antibody detected the Pim1 protein (arrow).



WB (Western Blot)
Mouse Pim1 Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the Pim1 antibody detected the Pim1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Pim1 antibody	Pim1 may affect the structure or silencing of chromatin by phosphorylating HP1 gamma/CBX3 (By similarity). Promotes the G1/S transition of the cell cycle via up-regulation of CDK2 activity and phosphorylation of CDKN1B, resulting in enhanced nuclear export and proteasome-dependent degradation of CDKN1B (By similarity). Also represses CDKN1B transcription by phosphorylating and inactivating the transcription factor FOXO3 (By similarity). Plays a role in signal transduction in blood cells (By similarity). Contributes to both cell proliferation and survival thus providing a selective advantage in tumorigenesis (By similarity).
Product Categories/Family for anti-Pim1 antibody	Cancer; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	83305340
NCBI GeneID	83305340
UniProt Accession #	P06803
Molecular Weight	44542
NCBI Official Full Name	Serine/threonine-protein kinase pim-1
UniProt Protein Name	Serine/threonine-protein kinase pim-1
UniProt Gene Name	Pim1
UniProt Synonym Gene Names	Pim-1
UniProt Entry Name	PIM1_MOUSE

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.