

## Rabbit PIM1 Polyclonal Antibody | anti-PIM1 antibody

PIM1 Polyclonal Antibody

|                               |                       |                                        |                                                    |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|
| CATALOG #<br><b>AAA167191</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------------------|----------------------------------------------------|

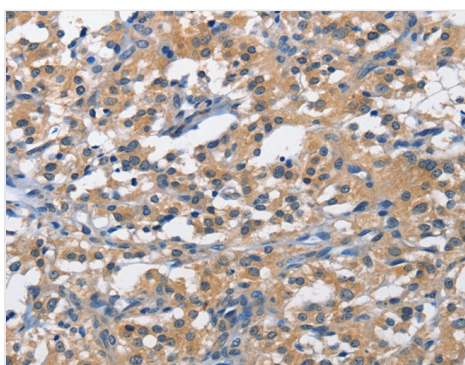
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

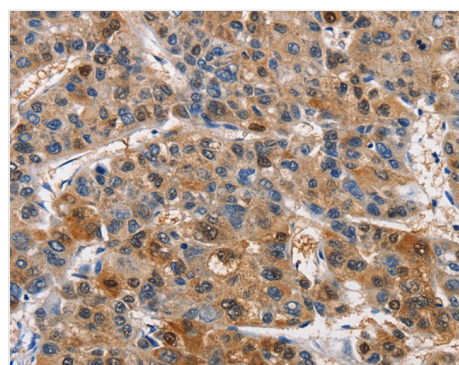
|                                                |                                                                                           |
|------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                    |
| Reactivity                                     | Human, Mouse, Rat                                                                         |
| Clonality                                      | Polyclonal                                                                                |
| Isotype                                        | IgG                                                                                       |
| Purity/Purification                            | Antigen affinity purification                                                             |
| Concentration                                  | 1.7mg/mL (varies by lot)                                                                  |
| Sequence Length                                | 202                                                                                       |
| Applicable Applications for anti-PIM1 antibody | IHC (Immunohistochemistry), ELISA                                                         |
| Immunogen                                      | Recombinant protein of human PIM1                                                         |
| Buffer                                         | PBS with 0.05% sodium azide, 50% glycerol, pH7.3                                          |
| Preparation and Storage                        | Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PIM1 Polyclonal Antibody at dilution 1:40



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PIM1 Polyclonal Antibody at dilution 1:40

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. |
| Product Categories/Family for anti-PIM1 antibody   | Stem cells; Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 14595646                                                                                                                                                                              |
| NCBI GeneID                      | 5292                                                                                                                                                                                  |
| Molecular Weight                 | 35,686 Da                                                                                                                                                                             |
| NCBI Official Full Name          | proto-oncogene PIM1, partial                                                                                                                                                          |
| 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; Oncogene PIM1; pim-1 kinase 44 kDa isoform; pim-1 oncogene (proviral integration site 1); proto-oncogene 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-elisa/167191>