

For Research Use Only

PIM1 Polyclonal antibody, PBS Only

Catalog Number: 27196-1-PBS



Basic Information

Catalog Number:

27196-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG25743

GenBank Accession Number:

BC020224

GeneID (NCBI):

5292

UNIPROT ID:

P11309

Full Name:

pim-1 oncogene

Calculated MW:

45 kDa

Observed MW:

30-40 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse

Background Information

PIM1 belongs to the Ser/Thr protein kinase family and the Pim subfamily. This family includes PIM1, PIM2, and PIM3, which share high sequence and structural similarity. PIM1 is a serine/threonine protein kinase that significantly promotes cell survival and proliferation, providing a selective advantage for tumorigenesis. PIM1 is expressed primarily in cells of the hematopoietic and germline lineages (PMID: 16186805).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

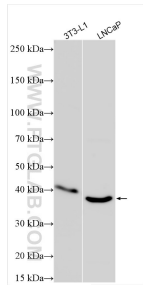
For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27196-1-AP (PIM1 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27196-1-PBS in a different storage buffer formulation.