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Phospho-PIM1-Y309 Rabbit pAb

Catalog No.: AP1083

Basic Information

Observed MW
Refer to figures

Calculated MW
36kDa

Category
Primary antibody

Applications
ELISA,WB

Cross-Reactivity
Human, Mouse

Background

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).

Recommended Dilutions

WB	1:500 - 1:2000

Immunogen Information

Gene ID
5292

Swiss Prot
P11309

Immunogen
A synthetic phosphorylated peptide around Y309 of human PIM1 (NP_001230115.1).

Synonyms
PIM; Phospho-PIM1-Y309

Contact

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Product Information

Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.