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Research Use Only. Not for diagnostic or therapeutic use.

EB10892 - Goat Anti-PIM2 (aa23-36) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PIM2, pim-2 oncogene, pim-2h, proto-oncogene Pim-2 (serine threonine kinase), serine/threonine protein kinase pim-2, serine/threonine-protein kinase

pim-2

Official Symbol: PIM2

Accession Number(s): NP_006866.2

Human GeneID(s): 11040

Non-Human GenelD(s): 18715 (mouse), 317366 (rat)

Immunogen

Peptide with sequence C-KDREAFEAEYRLGP, from the internal region (near N Terminus) of the protein sequence according to NP_006866.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: In transfected HEK293 transiently expressing Human PIM2 (myc and DYKDDDDK tagged), a band of approx. 38kDa is observed. No bands are observed in mock-transfected HEK293 and the same band is observed using anti-myc antibody.

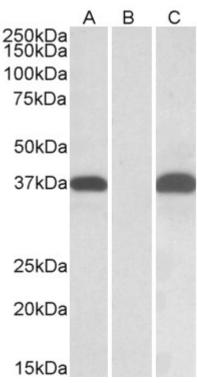
Recommended concentration: 0.5-1µg/ml.

IHC: Paraffin embedded Human Heart. Recommended concentration: 5µg/ml.

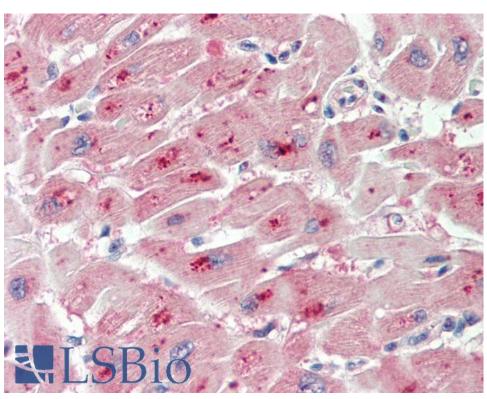
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow



HEK293 lysate (10ug protein in RIPA buffer) overexpressing Human PIM2 with C-terminal MYC tag probed with EB10892 (0.1ug/ml) in Lane A and probed with anti-MYC Tag (1/1000) in lane C. Mock-transfected HEK293 probed with EB10892 (0.1mg/ml) in Lane B. Primary incubations were for 1 hour. Detected by chemiluminescence.



EB10892 (5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.