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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB08424 - Goat Anti-IA2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: IA-2, protein tyrosine phosphatase, receptor type, N, FLJ16131, IA-2/PTP, IA2, ICA512, R-PTP-N, islet antigen 2, islet cell antigen 512, islet cell autoantigen 3, protein tyrosine phosphatase-like N

Official Symbol: PTPRN

Accession Number(s): NP_002837.1

Human GeneID(s): [5798](#)

Non-Human GeneID(s): 19275 (mouse), 116660 (rat)

Immunogen

Peptide with sequence C-QGEGNIKKNRHPD, from the internal region of the protein sequence according to NP_002837.1.

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 1:16000.

Western blot: Approx 110kDa band observed in lysates of cell line NIH 3T3 (calculated MW of 106kDa according to Human NP_002837.1 and Mouse NP_033011.2).

Recommended concentration: 0.5-1.5µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat



EB08424 (0.5 μ g/ml) staining of NIH 3T3 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.