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

EB05234 - Goat Anti-PPP2R5A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: PPP2R5A, protein phosphatase 2, regulatory subunit B (B56), alpha isoform, MGC131915, PP2A, B subunit, B\1 alpha isoform, PP2A, B subunit, B56 alpha isoform, PP2A, B subunit, PR61 alpha isoform, PP2A, B subunit, R5 alpha isoform, serine/threonine protein phosphatase 2A, 56 kDa regulatory subunit, alpha isoform, protein phosphatase 2, regulatory subunit B\1, alpha isoform, B56A, MGC131915, PR61A

Official Symbol: PPP2R5A

Accession Number(s): NP_006234.1

Human GeneID(s): [5525](#)

Immunogen

Peptide with sequence C-AYNMHSILSNTSAE, from the C Terminus of the protein sequence according to NP_006234.1.

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 1:32000.

Western blot: Approx 55kDa band observed in human heart and skeletal muscle lysate (calculated MW of 56.2kDa according to NP_006234.1). Recommended for use at 0.5-2µg/ml.

IHC: In paraffin embedded Human Heart shows textured cytoplasm staining in cardiomyocytes. Recommended concentration, 5-10µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Rat, Dog, Pig, Cow

EB05234 staining (0.5µg/ml) of human muscle lysate (RIPA buffer, 35µg total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.

EB05234 (5µg/ml) staining of paraffin embedded Human Heart. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.