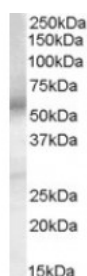




EP4 Prostaglandin Receptor Antibody

CATALOG NUMBER: 45-540



Western Blot (0.1ug/ml) staining of Human Testes lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specifications

SPECIES REACTIVITY:

TESTED APPLICATIONS:

APPLICATIONS: ELISA: antibody detection limit dilution 1:16000. Western Blot: Approx 55kDa band observed in Human Testes lysates (calculated MW of 53.1kDa according to NP_000949.1). Recommended concentration: 0.1-0.3ug/ml.

POSITIVE CONTROL: 1) Cat. No. 1313 - Human Testis Tissue Lysate

IMMUNOGEN: EP4 Prostaglandin Receptor antibody was raised against a 13 amino acid synthetic peptide near the internal region of EP4 Prostaglandin Receptor.

HOST SPECIES: Goat

Properties

PURIFICATION: EP4 Prostaglandin Receptor antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

PHYSICAL STATE: Liquid

BUFFER: EP4 Prostaglandin Receptor antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.

CONCENTRATION: 500 ug/mL

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

CLONALITY: Polyclonal

CONJUGATE: Unconjugated

Additional Info

ALTERNATE NAMES: PTGER4, prostaglandin E receptor 4 (subtype EP4), EP4, EP4R, MGC126583, PGE receptor, EP4 subtype prostaglandin E receptor 4, subtype EP4, prostaglandin E2 receptor, PTGER2

ACCESSION NO.: NP_000949.1

PROTEIN GI NO.: 4506259

OFFICIAL SYMBOL: PTGER4

GENE ID: 5734

Background

REFERENCES: 1) Echeverria V, Clerman A, Dore S. Stimulation of PGE receptors EP2 and EP4 protects cultured neurons against oxidative stress and cell death following beta-amyloid exposure. Eur J Neurosci. 2005 Nov;22(9):2199-206.

FOR RESEARCH USE ONLY

December 13, 2016