



Goat anti-EP4 prostaglandin receptor Antibody

Item Number	dAP-0806
Target Molecule	Principle Name: EP4 prostaglandin receptor; Official Symbol: PTGER4; All Names and Symbols: prostaglandin E receptor 4 (subtype EP4) ; MGC126583 ; PTGER4; EP4; EP4R; PGE receptor, EP4 subtype prostaglandin E receptor 4, subtype EP4; prostaglandin E2 receptor; Accession Number (s): NP_000949.1; Human Gene ID(s): 5734; Non-Human GeneID(s):
Immunogen	LEREVSKNPDQA, is from internal region
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Testes lysates (calculated MW of 53.1kDa according to NP_000949.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): 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. .PMID: 16262658 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**