



Goat anti-PTGES2 (aa292-306) Antibody

Item Number	dAP-3398
Target Molecule	Principle Name: PTGES2 (aa292-306); Official Symbol: PTGES2; All Names and Symbols: PTGES2; prostaglandin E synthase 2; C9orf15; GBF-1; GBF1; PGES2; mPGES-2; GATE-binding factor 1; gamma-interferon-activated transcriptional element-binding factor 1; membrane-associated prostaglandin E synthase 2; microsomal prostaglandin E synthase-2; Accession Number (s): NP_079348.1; NP_945176.1; Human Gene ID(s): 80142; Non-Human GeneID(s):
Immunogen	RLKSRHRLQDNVRED, is from internal region This antibody is expected to recognize both reported isoforms (NP_079348.1; NP_945176.1). Reported variants represent identical protein: NP_001243264.1, NP_945176.1.
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 128000.
Western Blot	Western Blot: Approx 30kDa band observed in lysates of cell line HeLa (calculated MW of 41.9kDa according to NP_079348.1). The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources. Recommended
IHC	
Reference	Reference(s): Murakami M, Nakashima K, Kamei D, Masuda S, Ishikawa Y, Ishii T, Ohmiya Y, Watanabe K, Kudo I. Cellular prostaglandin E2 production by membrane-bound prostaglandin E synthase-2 via both cyclooxygenases-1 and -2. The Journal of biological chemistry 2003 Sep 27; 278(39): 37937-47. PMID:

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**