

Goat anti-PTGR2 / ZADH1 Antibody

Item Number	dAP-3406
Target Molecule	Principle Name: PTGR2 / ZADH1; Official Symbol: PTGR2; All Names and Symbols: PTGR2: prostaglandin reductase 2; PGR2; ZADH1; 15-oxoprostaglandin 13-reductase; 15-oxoprostaglandin-delta13-reductase; PRG-2; zinc binding alcohol dehydrogenase, domain containing 1; zinc-binding alcohol dehydrogenase domain-containing protein 1; Accession Number (s): NP_689657.1; Human Gene ID(s): 145482; Non-Human GeneID(s):
Immunogen	PDNINEGQVQVRT, is from internal region (near N terminus) Reported variants represent identical protein: NP_001139627.1, NP_689657.1, NP_001139626.1.
Applications	Pep ELISA, WB Species Tested: Pig
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 38kDa band observed in Pig Testis lysates (calculated MW of 38.4kDa according to Pig XP_001929109.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Wu YH, Ko TP, Guo RT, Hu SM, Chuang LM, Wang AH. Structural basis for catalytic and inhibitory mechanisms of human prostaglandin reductase PTGR2. <i>Structure</i> (London, England : 1993) 2008 Nov 16 (11): 1714-23.. PMID: 19000823->

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 end users! This product is sold for **Research Use Only**