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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Prostaglandin Dehydrogenase 1 Antibody (HRP)

Product Number: AC21-0629-14

Overview

Host Species: Goat

Clonality: Polyclonal

Purity: Affinity purified using the immunizing peptide. The affinity purified antibody is then conjugated to horseradish peroxidase (HRP) which is an enzyme that has wide applications due to its ability to oxidize substrates into colored substrates (DAB, ABTS, or TMB) or light (ECL).

Conjugate: HRP

Physical Characteristics

Amount: 0.05 mg

Volume: 0.1 ml

Concentration: 0.5 mg/ml

Buffer: 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Specificity

Tested Species Reactivity: Human

Predicted Species Reactivity: Human

Negative Species Reactivity: Unknown

Immunogen: Prostaglandin Dehydrogenase 1 antibody (HRP) was raised against a synthetic peptide of Prostaglandin Dehydrogenase 1. The Prostaglandin Dehydrogenase 1 peptide immunogen had the following sequence: C-DYDTTPFQAKTQ

Blocking Peptide: Prostaglandin Dehydrogenase 1 peptide, catalog number AC21-0629-P, is the immunizing peptide for this product and can be used as a negative control to block antibody (HRP) binding in a competition or adsorption assay.

Target Information

Accession Number(s): NP_000851.2

Gene ID Number(s): 3248 (human)

Alternative Names: HPGD; Prostaglandin dehydrogenase 1; PGDH1; 15-PGDH; hydroxyprostaglandin dehydrogenase 15-(NAD); PGDH; SDR36C1; NAD+-dependent 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 36C, member 1

Application Details

Tested Applications: ELISA, WB, IHC

ELISA: Detection limit dilution 1:128000.

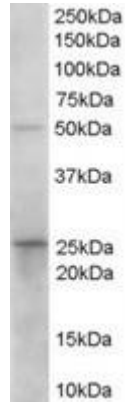
Western Blot: Recommended starting concentration for western blot is 0.1-1µg/ml.

Immunohistochemistry: Recommended starting concentration for immunohistochemistry is 2-4µg/ml.

Immunocytochemistry: n/a



Product Images



Western blot using prostaglandin dehydrogenase 1 antibody (unconjugated) (0.1 μ g/ml) to detect endogenous prostaglandin dehydrogenase 1 in human duodenum lysate (35 μ g total protein in RIPA buffer).