

COX-2 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250609

Unit: 0.1 mg

Description:

The cyclooxygenase-2 (COX-2 or prostaglandin G/H synthase 2) is a dioxygenase and peroxidase enzyme that is a mediator of inflammation and is involved in prostanoid signaling in activity-dependent plasticity. COX-2 is the target of nonsteroidal anti-inflammatory drugs such as aspirin.

Isotype: Rabbit Ig

Applications: E, IHC, WB

Species Reactivity: Ck, H, M, R

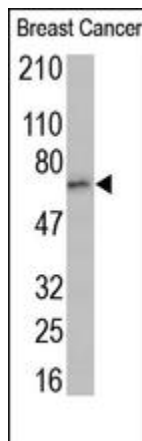
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Prostaglandin G/H synthase 2; cyclooxygenase-2; COX-2; prostaglandin-endoperoxide synthase 2; prostaglandin H2 synthase 2; PGH synthase 2; PGHS-2; PTGS2; COX2

Accession No.: P35354

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the center region of human COX-2.

Application Notes: E: 1:500-1:1,000; WB: 1:200-1:500; IHC: 1:200-1:500



The COX-2 Antibody (Cat. No. 250609) is used at 1:200 in Western blot to detect COX-2 in human breast cancer lysate.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

Product Citations: Hsieh Y-L. et al. 2012. Evid Based Complement Alternat Med. doi: 10.1155/2012/342165. PMID# 23346198.

For research use only, not for diagnostic or therapeutic procedures.