

[Primary Antibody]

Cyclooxygenase 1 Rabbit pAb



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ANTIBODIES

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— DATASHEET

Host: Rabbit

Isotype: IgG

Clonality: Polyclonal

GeneID: 5742

SWISS: P23219

Target: Cyclooxygenase 1

Immunogen: Recombinant human Cyclooxygenase 1 protein: 250-599/599.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This is one of two genes encoding similar enzymes that catalyze the conversion of arachinodate to prostaglandin. The encoded protein regulates angiogenesis in endothelial cells, and is inhibited by nonsteroidal anti-inflammatory drugs such as aspirin. The protein may promote cell proliferation during tumor progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012].

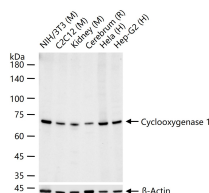
Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW.: 63 kDa

Subcellular Location: Cell membrane ,Cytoplasm

— VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with Cyclooxygenase 1 polyclonal antibody, unconjugated (bs-42451R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.