

Product datasheet for **TA326006**

COX2 (PTGS2) Rabbit Polyclonal Antibody

Product data:

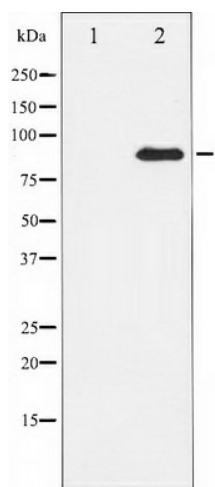
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200; IF/ICC: 1:100-1:500
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human Cox2
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	80 kDa
Gene Name:	prostaglandin-endoperoxide synthase 2
Database Link:	NP_000954 Entrez Gene 19225 Mouse Entrez Gene 29527 Rat Entrez Gene 5743 Human P35354
Background:	COX-2 Mediates the formation of prostaglandins from arachidonate. May have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity. Homodimer. Belongs to the prostaglandin G/H synthase family.
Synonyms:	COX-2; COX2; GRIPGHS; hCox-2; HS; PGG; PGHS-2; PHS-2
Protein Families:	Druggable Genome



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Protein Pathways: Arachidonic acid metabolism, Pathways in cancer, Small cell lung cancer, VEGF signaling pathway

Product images:



Western blot analysis of Cox2 expression in A549 whole cell lysates, The lane on the left is treated with the antigen-specific peptide.