



## COX-2 (ABT31R) rabbit mAb

货号	YP-Ab-18286
同位型	IgG
应用	IHC;WB; ELISA
种属	Human
靶点	COX2
基因名称	PTGS2
蛋白名称	COX-2
免疫原	Synthesized peptide derived from human COX-2 AA range:500-604
特异性	This antibody detects endogenous levels of COX2
组成	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
来源	Monoclonal, Rabbit IgG1, Kappa
稀释	IHC 1:100-500, WB 1:500-1000, ELISA 1:5000-20000
纯化工艺	Recombinant Expression and Affinity purified
分子量	69kD
背景	Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin biosynthesis, and acts both as a dioxygenase and as a peroxidase. There are two isozymes of PTGS: a constitutive PTGS1 and an inducible PTGS2, which differ in their regulation of expression and tissue distribution. This gene encodes the inducible isozyme. It is regulated by specific stimulatory events, suggesting that it is responsible for the prostanoid biosynthesis involved in inflammation and mitogenesis. [provided by RefSeq, Feb 2009],
功能	catalytic activity:Arachidonate + AH(2) + 2 O(2) = prostaglandin H(2) + A + H(2)O.,cofactor: Binds 1 heme B (iron-protoporphyrin IX) group per subunit.,disease:Likely to play a role in inflammatory diseases such as rheumatoid arthritis.,function:May have a role as a major mediator of inflammation and/or a role for prostanoid signaling in activity-dependent plasticity.,induction:By cytokines and mitogens.,miscellaneous:This enzyme acts both as a dioxygenase and as a peroxidase.,miscellaneous:This enzyme is the target of nonsteroidal anti- inflammatory drugs such as aspirin.,pathway:Lipid metabolism; prostaglandin biosynthesis.,similarity:Belongs to the prostaglandin G/H synthasefamily.,similarity:Contains 1 EGF-like domain.,subunit:Homodimer.,
细胞定位	Cytoplasmic
组织表达	Endothelial cell,Epidermal keratinocytes in primary culture,Lung,Pe
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)

有关注意事项

Avoid repeated freezing and thawing!

使用建议

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images