



# Rabbit Anti-Rat COX2 monoclonal antibody, clone TQ32 (CABT-L1249)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Target	COX2
Immunogen	A synthetic peptide from C-terminus of rat cox2
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	TQ32
Conjugate	Unconjugated
Applications	IHC-P, WB
Format	Liquid
Buffer	Tissue culture supernatant
Preservative	15mM Sodium Azide
Storage	4°C

## BACKGROUND

Introduction	COX2 (Cyclooxygenase-2) is an inducible enzyme. It is involved in the response of cells to growth factors, tumor promoters, and cytokines that induce its expression. Given its role in synthesizing prostaglandins, COX2 is therefore of interest in studying immune response regulation. COX2 is induced by a wide variety of stimuli and was initially identified as
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immediate-early growth response gene. In addition, COX2 expression markedly increased in 85-90% of human colorectal adenocarcinoma whereas COX1 levels remain unchanged.

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