

COX2 Polyclonal Antibody

Catalog No. E-AB-70030

Note: Centrifuge before opening to ensure complete recovery of vial contents.

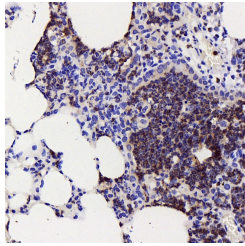
Description

Reactivity	Mouse,Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse COX2
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

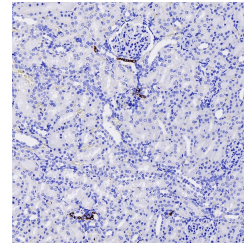
Applications Recommended Dilution

IHC 1:200-1:800

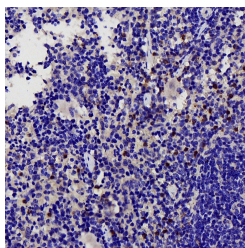
Data



Immunohistochemistry analysis of paraffin-embedded mouse pneumonia using COX2 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded Rat nephritis using COX2 Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using COX2 Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Prostaglandin-endoperoxide synthase (PTGS), also known as cyclooxygenase, is the key enzyme in prostaglandin

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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.