

Catalog Number: IR109-446

## Anti-COX2 antibody

Package size: 25, 100 µl

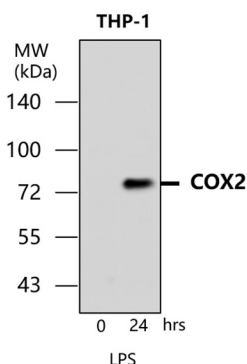
Store at: -20°C

MW (kDa): 74

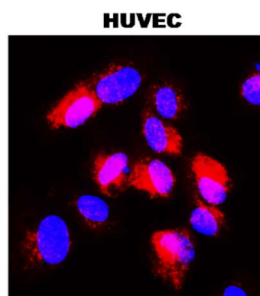
### Overview

Product Name	COX2 antibody
Product Number	IR109-446
Gene Description	prostaglandin-endoperoxide synthase 2
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, mouse, rat
Recommended Applications	Western Blot 1:500 - 1:1000
Dilutions	Immunofluorescence 1:200 – 1:500
	Immunohistochemistry (Paraffin) 1:100 – 1:200
Storage Buffer	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
Concentration	1.05 mg/ml
Purity	Affinity column purified
Storage	Store at +4°C for short term storage. Long time storage is recommended at -20°C
Notes	Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user.

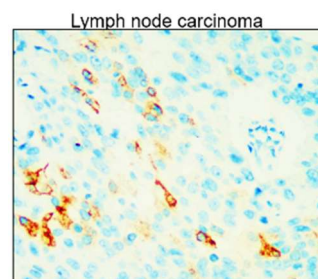
IR109-446 anti-COX2 antibody  
WB image



IR109-446 anti-COX2 antibody  
ICC/IF image



IR109-446 anti-COX2 antibody  
IHC image

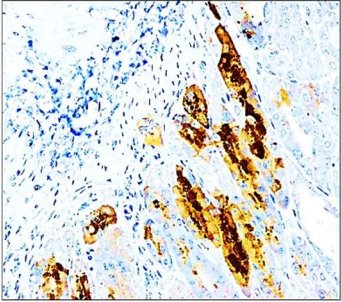
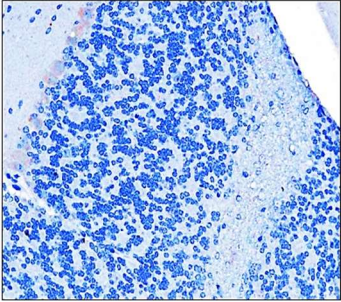
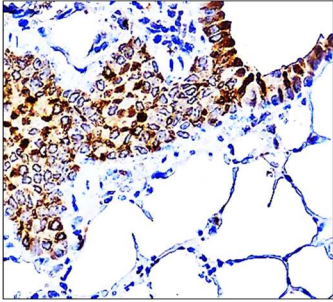
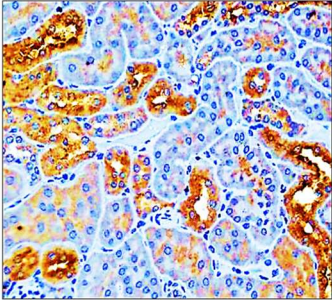


#### Anti-COX2 antibody - at 1/1000 dilution

Lysates at 35 µg per lane. This blot was produced using a 7.5% SDS-PAGE. NC membrane was then blocked for an hour before being incubated with IR109-446 overnight at 4°C.

Cells were fixed with 4% PFA for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at RT. Cells were stained with IR109-446 anti-COX2 antibody (red) at 1:300 and 4°C. DAPI (blue) was used as the nuclear counter stain.

Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling COX2 with IR109-446 at 1/100.

IR109-446 anti-COX2 antibody	IR109-446 anti-COX2 antibody
<div><div>Mouse colon</div></div> <div><div>Mouse cerebellum</div></div>	<div><div>Mouse lung</div></div> <div><div>Mouse kidney</div></div>
<p>Immunohistochemical analysis of paraffin embedded mouse tissue labeling COX2 with IR109-446 at 1/100. Epitope Retrieval methods: Citrate Buffer, pH 6.0 <a href="#">Data from: Li-Tzung Biotechnology. Co</a></p>	<p>Immunohistochemical analysis of paraffin embedded mouse tissue labeling COX2 with IR109-446 at 1/100. Epitope Retrieval methods: Citrate Buffer, pH 6.0 <a href="#">Data from: Li-Tzung Biotechnology. Co</a></p>

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