

anti- COX2 antibody

Product Information

Catalog No.:	FNab10407
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

COX2 (Prostaglandin G/H synthase 2; PTGS2) mediates the formation of prostaglandins from arachidonate. Its subunit structure is homodimer. The fully N-glycosylated PTGS2 is 72–74 kDa and the aglycosylated is 66 kDa(PMID:19656660). It also expresses a band of 39 kDa after unspecific cleavage(PMID:17509125). The 50 kDa band of fragmented PTGS2 has also previously been detected in AD brains(PMID:14724276).

Immunogen information

Immunogen:	prostaglandin-endoperoxide synthase 2(prostaglandin G/H synthase and cyclooxygenase)
Synonyms:	COX 2, COX2, Cyclooxygenase 2, GRIPGHS, hCox 2, PGG/HS, PGH synthase 2, PGHS 2, PHS 2, PHS II, Prostaglandin G/H synthase 2, Prostaglandin H2 synthase 2, PTGS2
Observed MW:	50 kDa, 80 kDa
Uniprot ID :	P35354

Application

1

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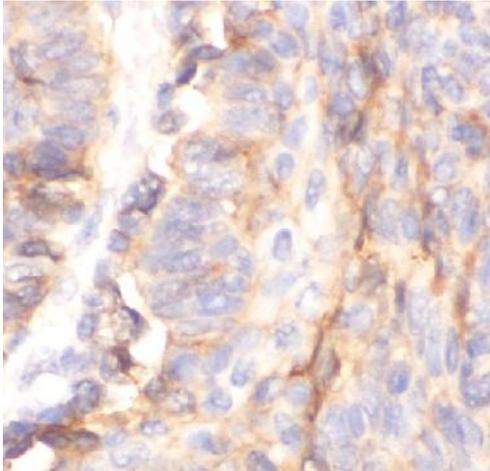
www.fn-test.com

Reactivity: Human, Mouse, Rat

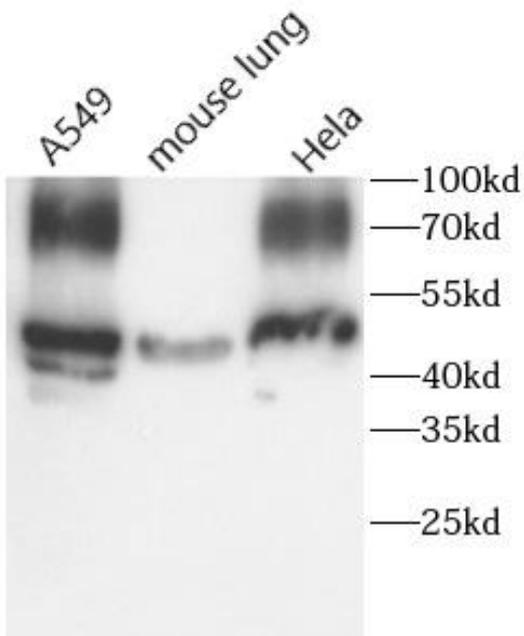
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

Image:



Immunohistochemistry of paraffin-embedded human liver using FNab10407(cox2 antibody) at dilution of 1:100



Various lysates were subjected to SDS PAGE followed by western blot with FNab10407(PTGS2 antibody) at dilution of 1:600