

anti- COX2 antibody

Description

Product Name	anti- COX2 antibody
Catalogue No.	70401BSAB
Size	100µg
Form	liquid
Purification	Immunogen affinity purified
Purity	≥95% as determined by SDS-PAGE
Host	Rabbit
Clonality	Polyclonal
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 arachidonic acid. Its structure is homodimer. The fully N-glycosylated PTGS2 is 72-74 kDa and the aglycosylated is 66 kDa. It also expresses a band of 39 kDa after unspecific cleavage(PMID:17509125). The 50 kDa band of fragment has previously been detected in AD brains(PMID:14724276).

IMMUNOGEN INFORMATION

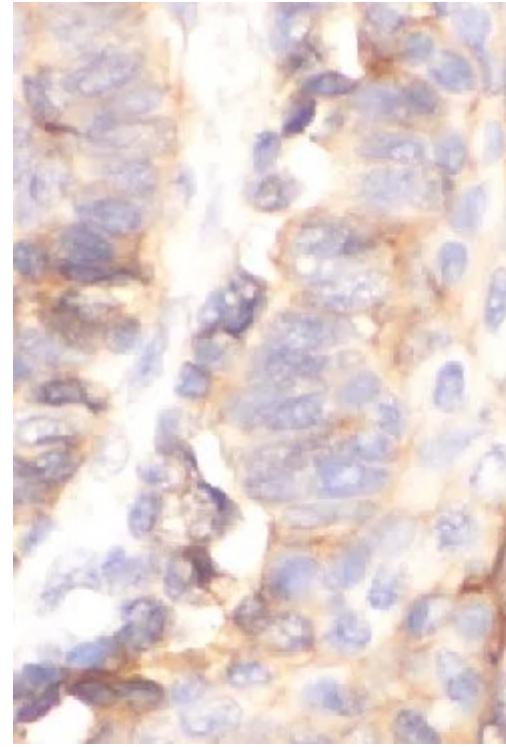
Immunogen	prostaglandin-endoperoxide synthase 2(prostaglandin G/H synthase and cyclooxygenase)
Observed MW	50 kDa, 80 kDa

APPLICATION

Tested Application	ELISA, WB, IHC,
Recommended Dilution	WB: 1:500 - 1:2000; IHC: 1:50 - 1:200

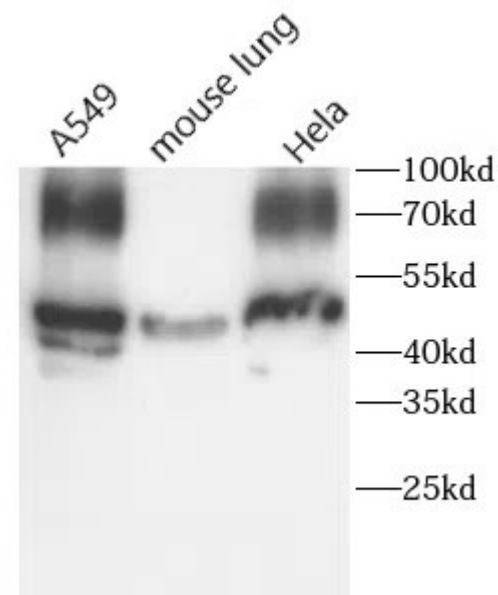
IMAGES

Immunohistochemistry of paraffin-embedded human liver using 70401BSAB(cox2 antibody) at dilution of 1:100



LINK BIOTECH

Various lysates were subjected to SDS PAGE followed by western blot with 70401BSAB(PTGS2 antibody) at dilution of 1:600



Date Created
2024/07/01