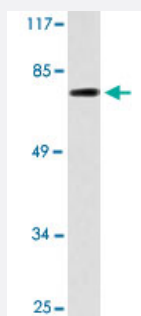


COX2 polyclonal antibody

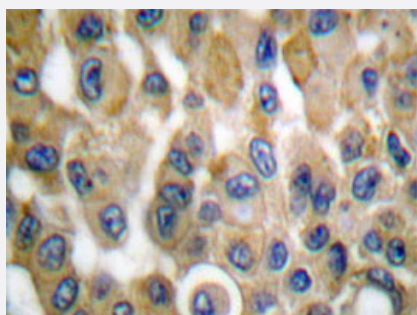
Catalog # PAB24809 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with COX2 polyclonal antibody (Cat # PAB24809).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using COX2 polyclonal antibody (Cat # PAB24809).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of COX2.
Immunogen	A synthetic peptide corresponding to COX2.
Host	Rabbit
Theoretical MW (kDa)	80
Reactivity	Human
Specificity	COX2 polyclonal antibody detects endogenous levels of COX2 protein.
Form	Liquid

Purification	Antigen affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of A-549 cell lysate with COX2 polyclonal antibody (Cat # PAB24809).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human breast cancer tissue using COX2 polyclonal antibody (Cat # PAB24809).

- Immunofluorescence

Gene Info — COX2

Entrez GeneID	4513
Gene Name	COX2
Gene Alias	MTCO2
Gene Description	cytochrome c oxidase II
Gene Ontology	Hyperlink
Other Designations	cytochrome c oxidase subunit II

Pathway

- [Cardiac muscle contraction](#)
- [Metabolic pathways](#)
- [Oxidative phosphorylation](#)

Disease

- [Alzheimer disease](#)
- [Asthma](#)
- [Ataxia](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Huntington disease](#)
- [Multiple Sclerosis](#)
- [Myelodysplastic Syndromes](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Parkinson disease](#)
- [Spinocerebellar ataxia](#)
- [Spinocerebellar Ataxias](#)