

## Mtco2 antibody

### Product Information

Catalog No.:	FNab05393
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

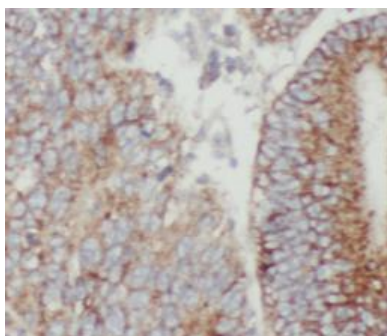
Cytochrome c oxidase is the component of the respiratory chain that catalyzes the reduction of oxygen to water. Subunits 1-3 form the functional core of the enzyme complex. Subunit 2 transfers the electrons from cytochrome c via its binuclear copper A center to the bimetallic center of the catalytic subunit 1.

### Immunogen information

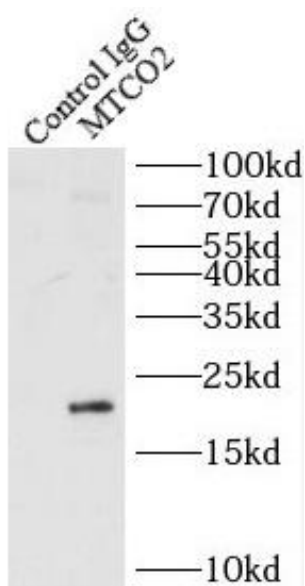
Immunogen:	cytochrome c oxidase II
Synonyms:	Cytochrome c oxidase subunit 2 Cytochrome c oxidase polypeptide II Mtco2 COII COX2 mt-Co2
Observed MW:	25 kDa
Uniprot ID :	P00405

### Application

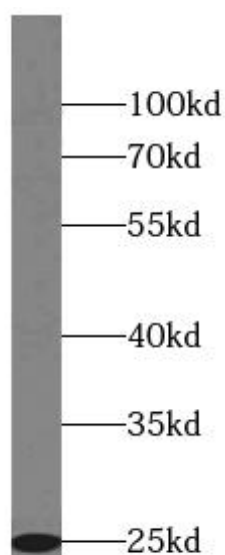
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, IHC, WB, IP, IF
Recommended dilution:	WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:50-1:500
Image:	



Immunohistochemistry of paraffin-embedded human colon cancer using FNab05393(COX2 antibody) at dilution of 1:50



IP Result of anti-MTCO2 (IP:FNab05393, 4ug; Detection:FNab05393 1:1000) with HeLa cells lysate 4000ug.



HepG2 cells were subjected to SDS PAGE followed by western blot with FNab05393(COX2 antibody) at dilution of 1:1000