

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000,
IHC:1:50-1:200

Protein Background:

Cytochrome c oxidase is the terminal enzyme of the electron transfer chain in aerobic bacteria as well as in the mitochondria of plants and animals. Bacterial cytochrome c oxidases are composed of three different subunits and include two hemes a and two copper atoms as prosthetic groups. The enzyme from eukaryotes is more complex and includes three subunits encoded on mitochondrial DNA, which are the homologues of the subunits of the bacterial enzyme, and in addition contains a number of subunits encoded in the nucleus. It is generally agreed that the mitochondrially coded subunits with their associated prosthetic groups are the functional core of the enzyme. The role of the nuclear coded subunits in cytochrome c oxidase function remains a matter of conjecture. cytochrome c oxidase subunit VIb polypeptide 2 Connects the two COX monomers into the physiological dimeric form.

Gene ID:

COX6B2

Uniprot

Q6YFQ2

Synonyms:

cytochrome c oxidase subunit VIb polypeptide 2 (testis)

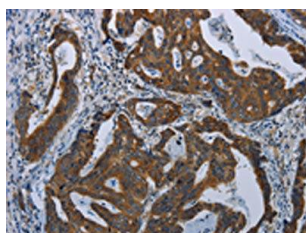
Immunogen:

Fusion protein of human COX6B2.

Storage:

-20° C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

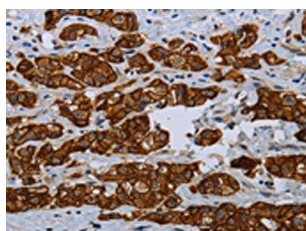
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human gastric cancer tissue using PACO14281(COX6B2 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane: A549 cells, Primary antibody: PACO14281(COX6B2 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 5 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO14281(COX6B2 Antibody) at dilution 1/35, on the right is treated with fusion protein. (Original magnification: x—200).