

COX7C Polyclonal Antibody

Catalog number: 11411-2-AP

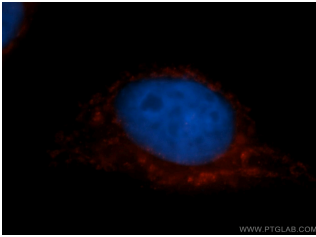
Size: 34 µg/150 µl

Source: Rabbit

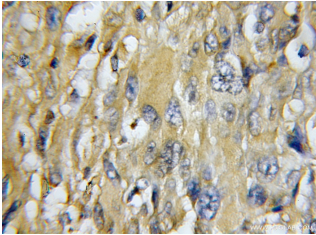
Isotype: IgG

Synonyms:

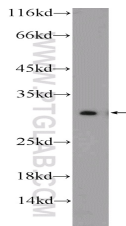
COX7C; COX7C



Immunofluorescent analysis of MCF-7 cells, using COX7C antibody 11411-2-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



Immunohistochemical of paraffin-embedded human gliomas using 11411-2-AP(COX7C antibody) at dilution of 1:100 (under 10x lens)



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 11411-2-AP(COX7C Antibody) at dilution of 1:1000

Background

COX7C(Cytochrome c oxidase subunit 7C, mitochondrial) is the terminal enzyme in the mitochondrial respiratory chain (oxidative phosphorylation OXPHOS), catalyzing the electron transfer from reduced cytochrome c to molecule oxygen. This protein belongs to the cytochrome c oxidase VIIc family. The full length protein has a transit peptide with 16 amino acids. This antibody is specific to COX7C.

Applications

Tested applications:	ELISA, IHC, IF, WB
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated COX7C MW:	63aa, 7kd
Observed COX7C MW:	15~28kd
Positive WB detected in	Mouse ovary tissue, human skeletal muscle tissue
Positive IHC detected in	Human gliomas tissue
Positive IF detected in	MCF-7 cells
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200 IF: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1989
GenBank accession number:	BC007498
Gene ID (NCBI):	1350
Full name:	Cytochrome c oxidase subunit VIIc

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.