

COX5A Polyclonal Antibody

Catalog number: 11448-1-AP

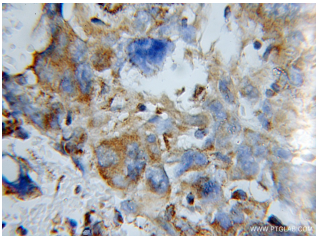
Size: 30 µg/150 µl

Source: Rabbit

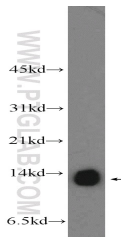
Isotype: IgG

Synonyms:

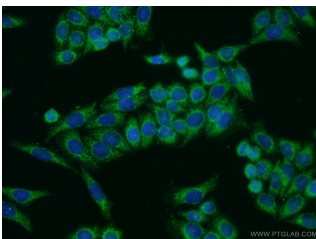
COX5A; COX, COX VA, COX5A, VA



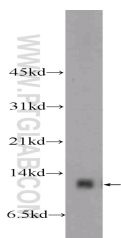
Immunohistochemical of paraffin-embedded human gliomas using 11448-1-AP(COX5A antibody) at dilution of 1:50 (under 10x lens)



mouse brain tissue were subjected to SDS PAGE followed by western blot with 11448-1-AP(COX5A Antibody) at dilution of 1:800



Immunofluorescent analysis of HeLa cells using 11448-1-AP(COX5A Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



HeLa cells were subjected to SDS PAGE followed by western blot with 11448-1-

Background

COX5A(Cytochrome c oxidase subunit 5A,mitochondrial)is also named as COXVA and belongs to the cytochrome c oxidase subunit 5A family.This is the heme A-containing chain of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.The mature human COX Va polypeptide shares 35% and 95% protein sequence identity with the corresponding *S. cerevisiae* COX subunit VI and bovine COX Va, respectively(PMID:2853101).

Applications

Tested applications:	ELISA, IHC, WB, IF
Cited applications:	IHC, WB
Species specificity:	Human,Mouse,Rat; other species not tested.
Cited species:	Chimpanzees, gorillas, human, rat
Calculated COX5A MW:	150aa,17 kDa
Observed COX5A MW:	13 kDa
Positive WB detected in	HeLa cells, human liver tissue, L02 cells, mouse brain tissue
Positive IHC detected in	Human gliomas tissue, human colon tissue, human lung cancer tissue
Positive IF detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:20-1:200

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

Immunogen information

Immunogen:	Ag2005
GenBank accession number:	BC024240
Gene ID (NCBI):	9377
Full name:	Cytochrome c oxidase subunit Va

Product information

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

**AP(COX5A Antibody) at
dilution of 1:800**