

COX7B Antibody

Catalog No: #35581

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

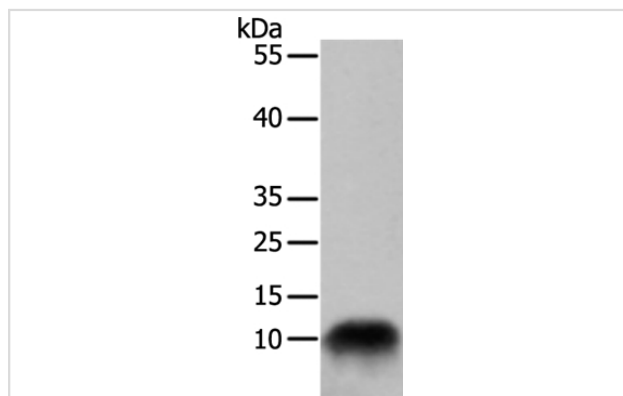
Product Name	COX7B Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total COX7B protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Cytochrome c oxidase subunit VIIb
Target Name	COX7B
Other Names	APLCC
Accession No.	Swiss-Prot#: P24311NCBI Gene ID: 1349Gene Accssion: BC018386
Uniprot	P24311
GeneID	1349;
SDS-PAGE MW	9kd
Concentration	1.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

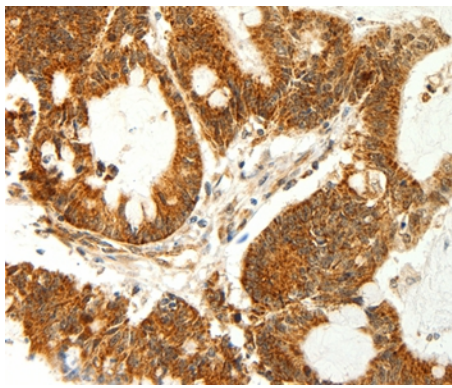
Western blotting: 1:500-1:2000

Immunohistochemistry: 1:50-1:200

Images



Gel: 15%+10%SDS-PAGE
Lysate: 50ug 293T cell
Primary antibody: 1/700 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human colon cancer tissue using #35581 at dilution 1/60.

Background

Cytochrome c oxidase (COX), the terminal component of the mitochondrial respiratory chain, catalyzes the electron transfer from reduced cytochrome c to oxygen. This component is a heteromeric complex consisting of 3 catalytic subunits encoded by mitochondrial genes and multiple structural subunits encoded by nuclear genes. The mitochondrially-encoded subunits function in electron transfer, and the nuclear-encoded subunits may function in the regulation and assembly of the complex. This nuclear gene encodes subunit VIIb, which is highly similar to bovine COX VIIb protein and is found in all tissues. This gene may have several pseudogenes on chromosomes 1, 2, 20 and 22.

Note: This product is for in vitro research use only