

Cytochrome c oxidase subunit 5A, mitochondrial Polyclonal Antibody

Catalog No: #42096

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Description

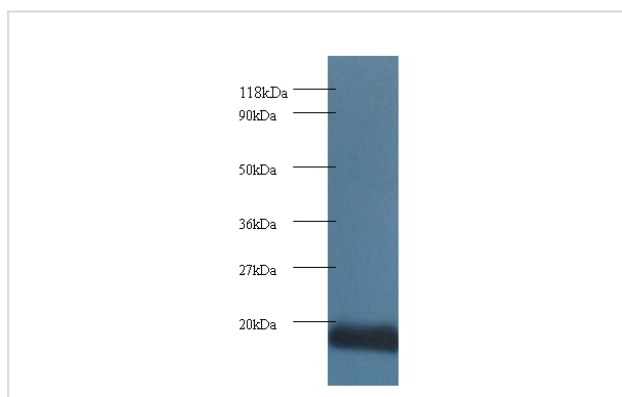
Product Name	Cytochrome c oxidase subunit 5A, mitochondrial Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Cytochrome c oxidase subunit 5A, mitochondrial polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Cytochrome c oxidase subunit 5A, mitochondrial protein
Target Name	Cytochrome c oxidase subunit 5A, mitochondrial
Other Names	COX5A, Cytochrome c oxidase polypeptide Va
Accession No.	Swiss-Prot#: P20674
Uniprot	P20674
GeneID	9377;
Calculated MW	16.5kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: □ 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

Images



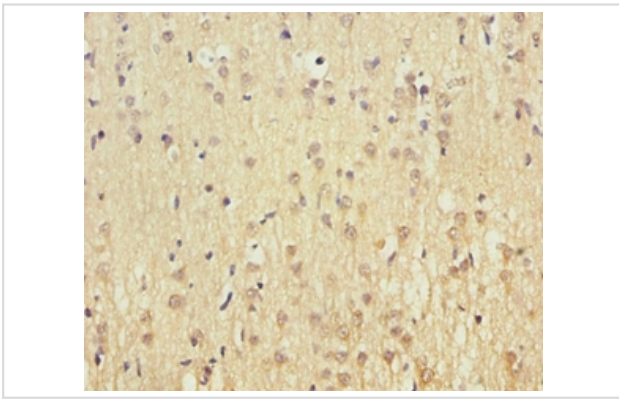
All lanes : Cytochrome c oxidase subunit 5A, mitochondrial antibody at 2ug/ml+293T whole cell lysate

Secondary

Goat polyclonal to Rabbit IgG at 1/15000 dilution

Predicted band size : 16.5 kDa

Observed band size: 16.5kDa



Immunohistochemical analysis of paraffin-embedded human brain using #42096 at dilution of 1:100.

Background

This is the heme A-containing chain of cytochrome c oxidase, the terminal oxidase in mitochondrial electron transport.

References

- [1] "Subunit Va of human and bovine cytochrome c oxidase is highly conserved." Rizzuto R., Nakase H., Zeviani M., Dimauro S., Schon E.A. *Gene* 69:245-256(1988) [2] "Molecular evolution of the cytochrome c oxidase subunit 5A gene in primates." Uddin M., Opaz

Note: This product is for in vitro research use only