

Product datasheet for **TA322804**

COX8A Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 10-50 Positive control: Human colon cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	cytochrome c oxidase subunit 8A
Database Link:	NP_004065 Entrez Gene 1351 Human P10176

Background: The protein encoded by this gene is the terminal enzyme of the respiratory chain; coupling the transfer of electrons from cytochrome c to molecular oxygen; with the concomitant production of a proton electrochemical gradient across the inner mitochondrial membrane. In addition to 3 mitochondrially encoded subunits; which perform the catalytic function; the eukaryotic enzyme contains nuclear-encoded smaller subunits; ranging in number from 4 in some organisms to 10 in mammals. It has been proposed that nuclear-encoded subunits may be involved in the modulation of the catalytic function. This gene encodes one of the nuclear-encoded subunits.



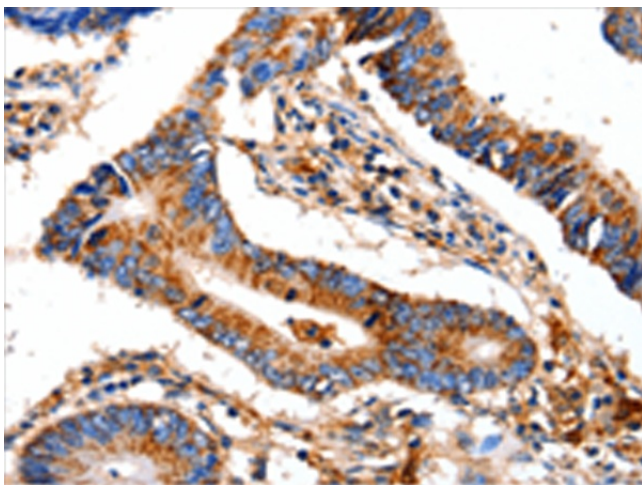
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Synonyms: COX; COX8; COX8-2; COX8L; VIII; VIII-L

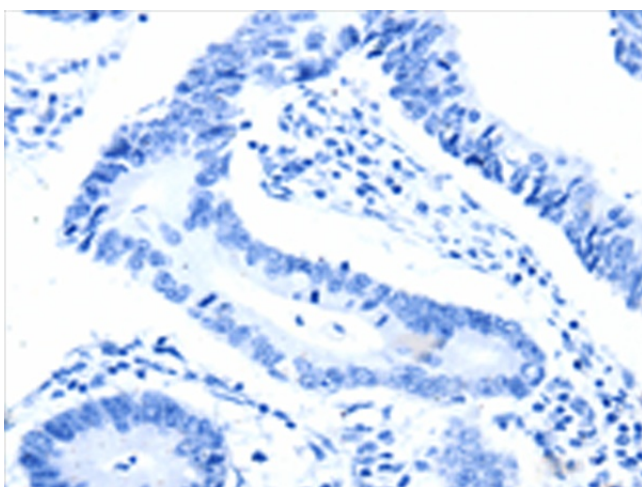
Protein Families: Transmembrane

Protein Pathways: Alzheimer's disease, Cardiac muscle contraction, Huntington's disease, Metabolic pathways, Oxidative phosphorylation, Parkinson's disease

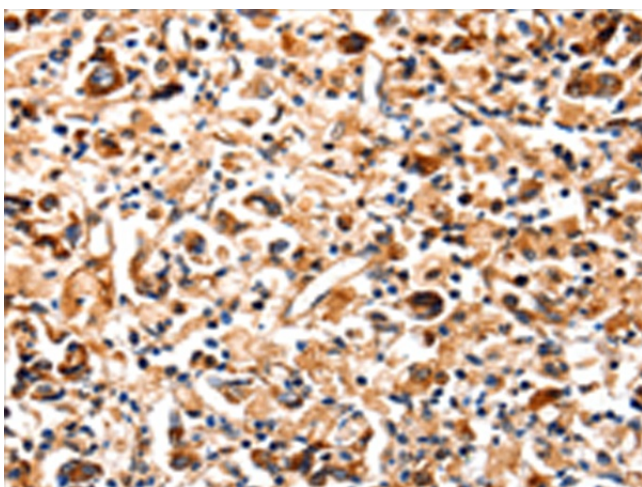
Product images:



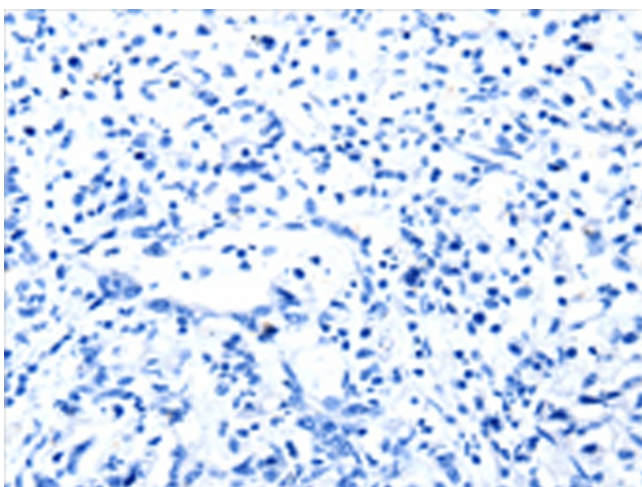
Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322804 (COX8A Antibody) at dilution 1/12 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322804 (COX8A Antibody) at dilution 1/12, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322804 (COX8A Antibody) at dilution 1/12 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human gastric cancer tissue using TA322804 (COX8A Antibody) at dilution 1/12, treated with fusion protein. (Original magnification: ×200)