

Anti-Cytochrome C Picoband Antibody

Catalog # ABO12025

Product Information

Application	WB, IHC-P, ICC
Primary Accession	P99999
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Cytochrome c(CYCS) detection. Tested with WB, IHC-P, ICC in Human;Mouse;Rat.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	54205
Other Names	Cytochrome c, CYCS, CYC
Calculated MW	11749
Application Details	Immunocytochemistry , 0.5-1 μ g/ml, Human, - Immunohistochemistry(Paraffin-embedded Section), 0.5-1 μ g/ml, Human, Mouse, Rat, By Heat Western blot, 0.1-0.5 μ g/ml, Human, Mouse, Rat
Subcellular Localization	Mitochondrion intermembrane space. Loosely associated with the inner membrane.
Source	Eukaryota
Protein Name	Cytochrome c
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Immunogen	E.coli-derived human Cytochrome C recombinant protein (Position: G2-E105). Human Cytochrome C shares 91% amino acid (aa) sequence identity with both mouse and rat Cytochrome C.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated

Sequence Similarities

freezing and thawing.
Belongs to the cytochrome c family.

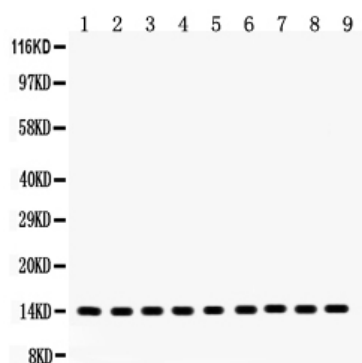
Protein Information

Name	CYCS
Synonyms	CYC
Function	Electron carrier protein. The oxidized form of the cytochrome c heme group can accept an electron from the heme group of the cytochrome c1 subunit of cytochrome reductase. Cytochrome c then transfers this electron to the cytochrome oxidase complex, the final protein carrier in the mitochondrial electron-transport chain.
Cellular Location	Mitochondrion intermembrane space. Note=Loosely associated with the inner membrane

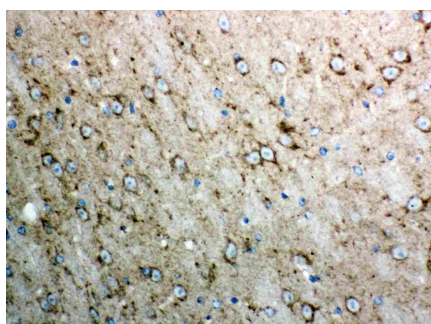
Background

CYCS is also known as CYC, HCS or THC4. This gene encodes a small heme protein that functions as a central component of the electron transport chain in mitochondria. The encoded protein associates with the inner membrane of the mitochondrion where it accepts electrons from cytochrome b and transfers them to the cytochrome oxidase complex. This protein is also involved in initiation of apoptosis. Mutations in this gene are associated with autosomal dominant nonsyndromic thrombocytopenia. Numerous processed pseudogenes of this gene are found throughout the human genome.

Images

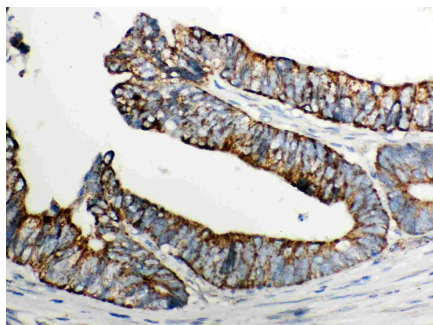
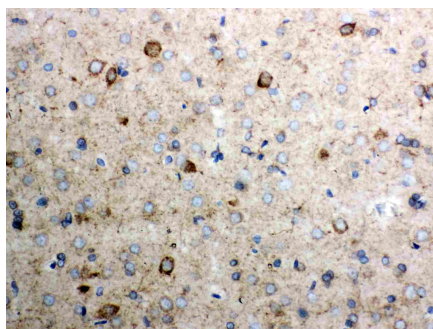


Anti- Cytochrome C Picoband antibody, ABO12025,
Western blottingAll lanes: Anti Cytochrome C (ABO12025)
at 0.5ug/mlLane 1: Rat Brain Tissue Lysate at 50ugLane 2:
Mouse Brain Tissue Lysate at 50ugLane 3: Rat Cardiac
Muscle Tissue Lysate at 50ugLane 4: Mouse Cardiac
Muscle Tissue Lysate at 50ugLane 5: U87 Whole Cell
Lysate at 40ugLane 6: NEURO Whole Cell Lysate at
40ugLane 7: HELA Whole Cell Lysate at 40ugLane 8:
JURKAT Whole Cell Lysate at 40ugLane 9: Human Placenta
Tissue Lysate at 50ugPredicted bind size: 14KDObserved
bind size: 14KD

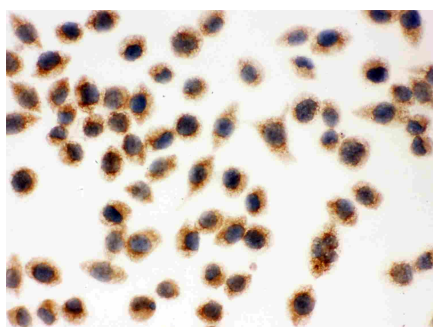


Anti- Cytochrome C Picoband antibody, ABO12025,
IHC(P)IHC(P): Mouse Brain Tissue

Anti- Cytochrome C Picoband antibody, ABO12025,
IHC(P)IHC(P): Rat Brain Tissue



Anti- Cytochrome C Picoband antibody, ABO12025,
IHC(P)IHC(P): Human Intestinal Cancer Tissue



Anti- Cytochrome C Picoband antibody,
ABO12025,ICCICC: SMMC-7721

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.