

Rabbit Cytochrome C Polyclonal Antibody | anti-CYCS antibody

Anti-Cytochrome C antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45095	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Cytochrome C; Polyclonal Antibody; Anti-Cytochrome C antibody; Cytochrome c; cytochrome c; somatic; CYC antibody; CYC_HUMAN antibody; CYCS antibody; Cytochrome c antibody; Cytochrome c somatic antibody; HCS antibody; THC4 antibody; anti-CYCS antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	105
Applicable Applications for anti-CYCS antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Cytochrome C (91-105 aa ERADLIAYLKATNE), identical to the related mouse and rat sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃ .
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



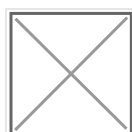
WB (Western Blot)

Anti-Cytochrome C antibody, AAA45095, Western blottingAll lanes: Anti Cytochrome C (AAA45095) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 50ugLane 2: HELA Whole Cell Lysate at 40ugLane 3: MCF-7 Whole Cell Lysate at 40ugLane 4: HEPA Whole Cell Lysate at 40ugPredicted bind size: 12KDObserved bind size: 12KD



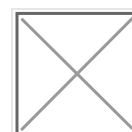
ICC (Immunocytochemistry)

Anti-Cytochrome C antibody, AAA45095, ICCICC: A549 Cell



IHC (Immunohistochemistry)

Anti-Cytochrome C antibody, AAA45095, IHC(F)IHC(F): Rat Brain Tissue



IHC (Immunohistochemistry)

Anti-Cytochrome C antibody, AAA45095, IHC(P)IHC(P): Rat Lung Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-CYCS antibody	Description: Rabbit IgG polyclonal antibody for Cytochrome c(CYCS) detection. Tested with WB, IHC-P, IHC-F, ICC in Human, Mouse, Rat. Background: Cytochrome C is located in the mitochondria of all aerobic cells and is involved in the electron transport system. Human cytochrome c has 104 amino acid residues and a molecular weight of 11,458 and is mapped to 7p15.2. Cytochrome c released from mitochondria has been proposed to be an essential component of an apoptotic pathway responsive to DNA damage and other forms of cell stress. And it has a role in different apoptotic signaling cascades.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	42560196
NCBI GeneID	54205
UniProt Accession #	P99999; P00001; Q6NUR2; Q6NX69; Q96BV4; A4D166; B2R411
Molecular Weight	11,749 Da
NCBI Official Full Name	Cytochrome c
NCBI Official Synonym Full Names	cytochrome c, somatic
NCBI Official Symbol	CYCS
NCBI Official Synonym Symbols	CYC; HCS; THC4
NCBI Protein Information	cytochrome c
UniProt Protein Name	Cytochrome c
UniProt Gene Name	CYCS
UniProt Synonym Gene Names	CYC
UniProt Entry Name	CYC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cytochrome-c-antibody-immunocytochemistry-immunohistochemistry-immunohistochemistry-western-blot-elisa/45095>