

Rabbit CYCS Polyclonal Antibody | anti-CYCS antibody

CYCS Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174371	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

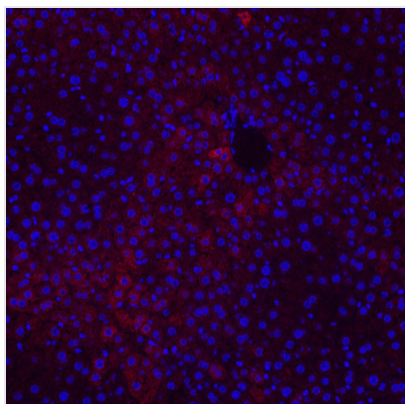
PRODUCT SYNONYMS

CYCS; Polyclonal Antibody; CYCS Polyclonal Antibody; Cytochrome C; Somatic; CYC; THC4; HCS.; anti-CYCS antibody

PRODUCT SPECIFICATIONS

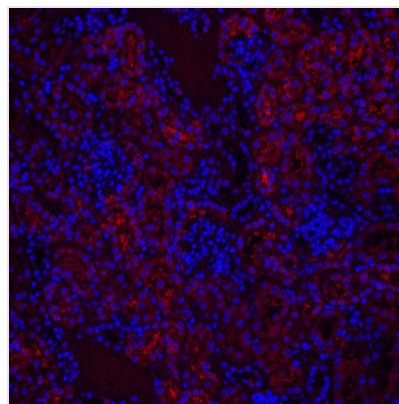
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	1.5 mg/mL (varies by lot)
Sequence Length	105
Applicable Applications for anti-CYCS antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Cytochrome c
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



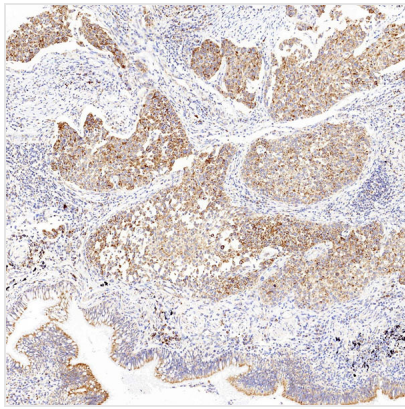
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse liver using CYCS Polyclonal Antibody at dilution of 1:500.



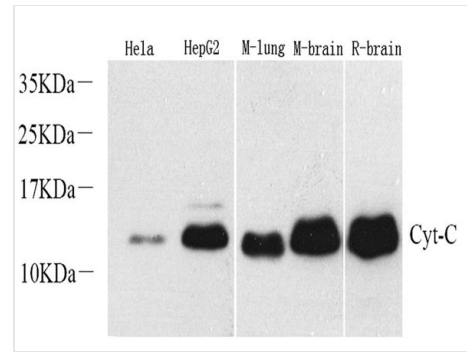
IF (Immunofluorescence)

Immunofluorescence analysis of paraffin-embedded mouse kidney using CYCS Polyclonal Antibody at dilution of 1:500.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer using CYCS Polyclonal Antibody at dilution of 1:1000.



WB (Western Blot)

Western Blot analysis of various samples using CYCS Polyclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-CYCS antibody	Cytochrome c is a 12-15 kDa electron transporting protein located in the inner mitochondrial membrane. Upon apoptotic stimulation, cytochrome c can be released from mitochondria into cytoplasm, resulting in caspase-3 activation and apoptosis. Measurement of cytochrome c release from the mitochondria is useful for detection of the onset of apoptosis in cells. In addition, cytochrome c can also leave cells and be detectable in extra-cellular medium of apoptotic cells and serum of cancer patients. The level of serum cytochrome c may serve as a prognostic maker during cancer therapy.
Product Categories/Family for anti-CYCS antibody	Cancer ; Cell Biology ; Cardiovascular ; Metabolism ; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	11128019
NCBI GeneID	54205
NCBI Accession #	NP_061820.1
NCBI GenBank Nucleotide #	NM_018947.5
UniProt Accession #	P99999 ; P00001 ; Q6NUR2 ; Q6NX69 ; Q96BV4 ; A4D166 ; B2R411
Molecular Weight	Calculated: 12kDa Observed: 12kDa
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

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.