

#### **Anti-CSP Antibody**

Rabbit polyclonal antibody to CSP Catalog # AP59876

# **Specification**

# **Anti-CSP Antibody - Product Information**

Application WB, IP
Primary Accession Q9H3Z4
Other Accession P60904
Reactivity Human, Mouse, Rat, Monkey

Host Rabbit
Clonality Polyclonal
Calculated MW 22149

# **Anti-CSP Antibody - Additional Information**

**Gene ID 80331** 

#### **Other Names**

CSP; DnaJ homolog subfamily C member 5; Cysteine string protein; CSP

#### Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CSP. The exact sequence is proprietary.

#### Dilution

WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IP~~N/A

#### **Format**

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

#### **Storage**

Store at -20 °C.Stable for 12 months from date of receipt

# **Anti-CSP Antibody - Protein Information**

Name DNAJC5 (HGNC:16235)

#### **Function**

Acts as a general chaperone in regulated exocytosis (By similarity). Acts as a co-chaperone for the SNARE protein SNAP-25 (By similarity). Involved in the calcium-mediated control of a late stage of exocytosis (By similarity). May have an important role in presynaptic function. May be involved in calcium-dependent neurotransmitter release at nerve endings (By similarity).

#### **Cellular Location**

Cytoplasm, cytosol {ECO:0000250|UniProtKB:Q29455}. Membrane



{ECO:0000250|UniProtKB:Q29455}; Lipid-anchor {ECO:0000250|UniProtKB:Q29455}. Cytoplasmic vesicle, secretory vesicle, chromaffin granule membrane {ECO:0000250|UniProtKB:Q29455}. Melanosome. Cell membrane. Note=The association with membranes is regulated by palmitoylation (By similarity). Identified by mass spectrometry in melanosome fractions from stage I to stage IV (PubMed:17081065). {ECO:0000250|UniProtKB:Q29455, ECO:0000269|PubMed:17081065}

## **Tissue Location**

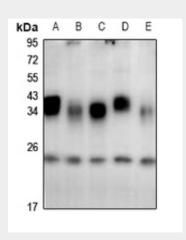
Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart.

# **Anti-CSP Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## **Anti-CSP Antibody - Images**



Western blot analysis of CSP expression in AML12 (A), PMVEC (B), A549 (C), LO2 (D), H1792 (E) whole cell lysates.

## **Anti-CSP Antibody - Background**

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human CSP. The exact sequence is proprietary.