

# **CSP Polyclonal Antibody**

Catalog # AP69318

### **Product Information**

Application WB
Primary Accession Q9H3Z4

Reactivity Human, Mouse, Rat

HostRabbitClonalityPolyclonalCalculated MW22149

## **Additional Information**

**Gene ID** 80331

Other Names DNAJC5; CSP; DnaJ homolog subfamily C member 5; Cysteine string protein;

CSP

**Dilution** WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other

applications.

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

#### **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}

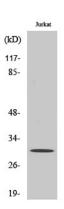
**Tissue Location** Expressed in pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and

heart.

# **Background**

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).

# **Images**



Western Blot analysis of various cells using CSP Polyclonal Antibody diluted at 1:2000

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