

Dnajc5 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3892a**Specification**

Dnajc5 Antibody (C-Term) - Product Information

Application	WB, E
Primary Accession	Q9H3Z4
Other Accession	NP_058055.1 , 80331 , 13002 (mouse) , 79130 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	22149

Dnajc5 Antibody (C-Term) - Additional Information**Gene ID** 80331**Other Names**

DnaJ homolog subfamily C member 5, Cysteine string protein, CSP, DNAJC5, CSP

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Dnajc5 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

Dnajc5 Antibody (C-Term) - 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.

Dnajc5 Antibody (C-Term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Dnajc5 Antibody (C-Term) - Images



AF3892a (0.1 µg/ml) staining of Human Cerebellum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Dnajc5 Antibody (C-Term) - References

CSP? knockout causes neurodegeneration by impairing SNAP-25 function. Sharma M, Burré J, Bronk P, Zhang Y, Xu W, Südhof TC. EMBO J. 2011 Dec 20;31(4):829-41. doi: 10.1038/emboj.2011.467.

PMID: 22187053