



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cysteine string protein (CSP) Alpha, DNAJC5 alpha. Rabbit Antigen Immunoaffinity Purified Polyclonal
CSP, DnaJ homolog subfamily C member 5

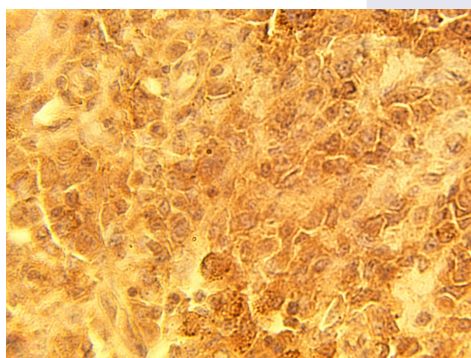
BACKGROUND

May have an important role in presynaptic function. May be involved in calcium-dependent neurotransmitter release at nerve endings. The amino terminus of CSP contains the J domain, a consensus sequence found on a DnaJ like protein which is a member of the heatshock protein family. Since heat shock proteins serve as chaperones that participate in protein folding and protein complex formation, CSP is believed to perform similar functions in the assembly of synaptic vesicle proteins which are essential to membrane trafficking. Evidence for a role of CSP in presynaptic neurotransmitter release has come from genetic and physiological study in which the Drosophila CSP null mutant fails to elicit synaptic potential upon high frequency stimulation. CSP null mutants have a lethal phenotype and for the small percentage of mutant flies that survive, they become paralyzed and die at elevated temperature.

IMMUNOGEN

Synthetic peptide derived from the human CSP protein.

Immunohistochemical staining of human melanoma tissue using affinity purified CSP alpha antibody (Cat. No. X2667P) at 15 µg/ml.



ORDERING INFORMATION

CATALOG NUMBER

X2667P

SIZE

10 Miniblots

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot, ELISA

SPECIES REACTIVITY

Human, Rat, Mouse

ACCESSION NUMBER

Human Q9H3Z4

Rat P60905

Mouse P60904

POSITIVE CONTROL/TISSUE EXPRESSION

Human brain, human melanoma; Expressed in tissue of pancreas, kidney, skeletal muscle, liver, lung, placenta, brain and heart

COMMENTS

Antibody can be used for immunohistochemistry (10-15 $\mu\text{g/ml}$). Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C . Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Coppola T., Gundersen C., Widespread expression of human cysteine string proteins. FEBS Lett. 391:269-272(1996) [PubMed: 8764987] [Abstract]

PRODUCT SPECIFIC REFERENCES