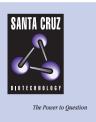
SANTA CRUZ BIOTECHNOLOGY, INC.

DnaJC11 (N-14): sc-103476



BACKGROUND

The DnaJ family is one of the largest of all the chaperone families and has evolved with diverse cellular localization and functions. The presence of the J domain defines a protein as a member of the DnaJ family. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJC11 (DnaJ homolog subfamily C member 11) is a 559 amino acid protein that may be implicated in protein import. The gene encoding DnaJC11 maps to human chromosome 1, which spans 260 million base pairs, contains over 3,000 genes and comprises nearly 8% of the human genome. There are three isoforms of DnaJC11 that are produced as a result of alternative splicing events.

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CHROMOSOMAL LOCATION

Genetic locus: DNAJC11 (human) mapping to 1p36.31; Dnajc11 (mouse) mapping to 4 E2.

SOURCE

DnaJC11 (N-14) is an affinity purified goat polyclonal antibody raised against a peptide mapping within an internal region of DnaJC11 of human origin.

STORAGE

Store at 4° C, **D0 NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

PRODUCT

Each vial contains 200 μg lgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-103476 P, (100 μg peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

APPLICATIONS

DnaJC11 (N-14) is recommended for detection of DnaJC11 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

Suitable for use as control antibody for DnaJC11 siRNA (h): sc-78836, DnaJC11 siRNA (m): sc-105307, DnaJC11 shRNA Plasmid (h): sc-78836-SH, DnaJC11 shRNA Plasmid (m): sc-105307-SH, DnaJC11 shRNA (h) Lentiviral Particles: sc-78836-V and DnaJC11 shRNA (m) Lentiviral Particles: sc-105307-V.

Molecular Weight of DnaJC11: 63 kDa.

RECOMMENDED SECONDARY REAGENTS

To ensure optimal results, the following support (secondary) reagents are recommended: 1) Western Blotting: use donkey anti-goat IgG-HRP: sc-2020 (dilution range: 1:2000-1:100,000) or Cruz Marker™ compatible donkey anti-goat IgG-HRP: sc-2033 (dilution range: 1:2000-1:5000), Cruz Marker™ Molecular Weight Standards: sc-2035, TBS Blotto A Blocking Reagent: sc-2333 and Western Blotting Luminol Reagent: sc-2048. 2) Immunofluo-rescence: use donkey anti-goat IgG-TR: sc-2783 (dilution range: 1:100-1:400) with UltraCruz™ Mounting Medium: sc-24941.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.