

DNAJC17 Polyclonal antibody

Catalog Number: 31580-1-AP

Basic Information

Catalog Number:

31580-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35992

GenBank Accession Number:

BC000048

GeneID (NCBI):

55192

UNIPROT ID:

Q9NVM6

Full Name:

DnaJ (Hsp40) homolog, subfamily C, member 17

Calculated MW:

304 aa, 35 kDa

Observed MW:

34 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HeLa cells, HepG2 cells

Background Information

DnaJ proteins, also known as Hsp40, are a set of highly conserved proteins typically acting as co-factors of Hsp70 molecular chaperones. Based on their domain architecture, DnaJ is classified into three different groups (A, B, and C). DNAJC17 belongs to group C, bearing the J domain at its N-terminal region and an RNA recognition motif (RRM) located at the protein C-terminus. DNAJC17 is a susceptibility gene for congenital hypothyroidism and demonstrated its wide expression in mice since early embryogenesis, in which it plays an essential role in pre-implantation stages (PMID: 29773831).

Storage

Storage:

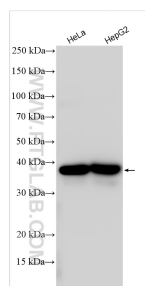
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31580-1-AP (DNAJC17 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.