

DNAJC14 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP55548

Specification

DNAJC14 Polyclonal Antibody - Product Information

Application IHC-P, IHC-F, IF, ICC, E

Primary Accession
Reactivity
Rat
Host
Clonality
Calculated MW
Physical State

Q6Y2X3
Rat
Rabbit
Polyclonal
79 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

from human DNAJC14

Epitope Specificity 151-250/702

Isotype IgG
Purity

affinity purified by Protein A

Buffer 0.01M TBS (pH7.4) with 1% BSA, 0.02%

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Endoplasmic reticulum membrane.

SIMILARITY Contains 1 J domain.

Important Note

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

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 heat shock induced proteins are from the bacterium Escherichia coli and are under the control of the htpR regulatory protein. The DnaJ proteins play a critical role in the HSP 70 chaperone machine by interacting with HSP 70 to stimulate ATP hydrolysis. DnaJ proteins are important mediators of proteolysis and are involved in the regulation of protein degradation, exocytosis and endocytosis. DnaJC14 (DnaJ homolog subfamily C member 14), also known as DRIP78 (Dopamine receptor-interacting protein of 78 kDa) and HDJ3 (Human DnaJ protein 3), is a 702 amino acid endoplasmic reticulular membrane protein that contains one J domain. DnaJC14 regulates the export of target proteins, such as the dopamine D1 receptor (D1DR), from the endoplasmic reticulum to the cell surface.

DNAJC14 Polyclonal Antibody - Additional Information

Gene ID 85406

Other Names

DnaJ homolog subfamily C member 14, DnaJ protein homolog 3, Dopamine receptor-interacting protein of 78 kDa, DRIP78, Human DnaJ protein 3, hDj-3, DNAJC14, DRIP78, HDJ3

Target/Specificity



Tel: 858.875.1900 Fax: 858.875.1999

Highly expressed in pancreas and selectively expressed in brain, lung, liver, skeletal muscle and kidney.

Dilution

IHC-P~~N/A<br \><span class</pre> ="dilution IHC-F">IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A
E \sim N/A

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DNAJC14 Polyclonal Antibody - Protein Information

Name DNAJC14

Synonyms DRIP78, HDI3

Regulates the export of target proteins, such as DRD1, from the endoplasmic reticulum to the cell surface.

Cellular Location

Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in pancreas and selectively expressed in brain, lung, liver, skeletal muscle and kidney

DNAJC14 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DNAJC14 Polyclonal Antibody - Images