

GIG22 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP58397

Specification

GIG22 Polyclonal Antibody - Product Information

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

Primary Accession
Reactivity
Rat, Dog
Host
Clonality
Calculated MW
Physical State

Q9Y5T4
Rat, Dog
Rabbit
Polyclonal
17 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human DNAJC15

Epitope Specificity 81-150/150

Isotype Purity

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

Proclin300 and 50% Glycerol.

SUBCELLULAR LOCATION Membrane; Single-pass membrane protein

(Potential).

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

affinity purified by Protein A

DNAJC15 is absent or down-regulated in many advanced cases of ovarian adenocarcinoma, due to hypermethylation and allelic loss. Loss of expression correlates with increased resistance to antineoplastic drugs, such as cisplatin.

GIG22 Polyclonal Antibody - Additional Information

Gene ID 29103

Other Names

DnaJ homolog subfamily C member 15, Cell growth-inhibiting gene 22 protein, Methylation-controlled J protein, MCJ, DNAJC15, DNAJD1

Target/Specificity

Ubiquitous.

Dilution

WB~~1:1000/>span class

="dilution_IHC-P">IHC-P~~N/A<br \><span class

="dilution_IHC-F">IHC-F~~N/A<br \><span class

="dilution IF">IF \sim 1:50 \sim 200<br\>E \sim N/A



Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 $^{\circ}$ 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 $^{\circ}$ C.

GIG22 Polyclonal Antibody - Protein Information

Name DNAJC15

Synonyms DNAJD1

Function

Negative regulator of the mitochondrial respiratory chain. Prevents mitochondrial hyperpolarization state and restricts mitochondrial generation of ATP (By similarity). Acts as an import component of the TIM23 translocase complex. Stimulates the ATPase activity of HSPA9.

Cellular Location

Mitochondrion inner membrane; Single-pass membrane protein

Tissue Location

Expressed at highest levels in heart, followed by liver and kidney.

GIG22 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

GIG22 Polyclonal Antibody - Images