ATPIF1 Antibody

PACO15185

Product Information

Size:

50ul

Reactivity:

Human

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:10000, WB:1:1000-1:5000, IHC:1:50-1:200

Protein Background:

ATPase inhibitor, mitochondrial is an enzyme that in humans is encoded by the ATPIF1 gene. This gene encodes a mitochondrial ATPase inhibitor. Alternative splicing occurs at this locus and three transcript variants encoding distinct isoforms have been identified. It prevents ATPase from switching to ATP hydrolysis during collapse of the electrochemical gradient, for example during oxygen deprivation ATP synthase inhibitor forms a one to one complex with the F1 ATPase, possibly by binding at the alpha-beta interface. It is thought to inhibit ATP synthesis by preventing the release of ATP. The inhibitor has two oligomeric states, dimer (the active state) and tetramer.

Gene ID:

ATPIF1

Uniprot

Q9UII2

Synonyms:

ATPase inhibitory factor 1

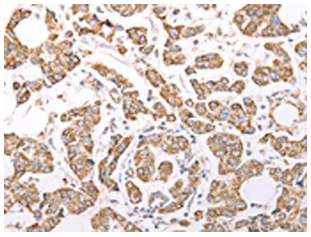
Immunogen:

Fusion protein of human ATPIF1.

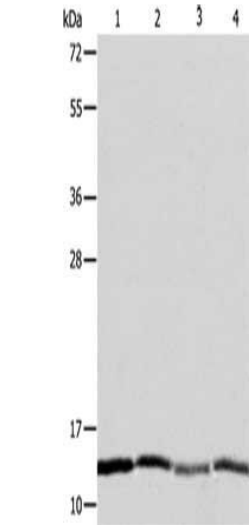
Storage:

-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

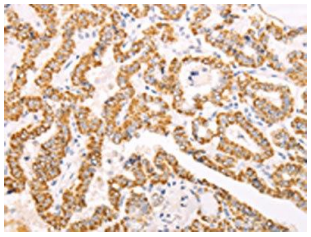
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO15185(ATPIF1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10+12+15%SDS-PAGE, Lysate: 40 μ g, Lane 1-4: Hela cells, Jurkat cells, MCF7 cells, A431 cells, Primary antibody: PACO15185(ATPIF1 Antibody) at dilution 1/1350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15185(ATPIF1 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: x—200).

