IDH3G Antibody

PACO15575

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:2000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein Background:

Isocitrate dehydrogenases catalyze the oxidative decarboxylation of isocitrate to 2-oxoglutarate. These enzymes belong to two distinct subclasses, one of which utilizes NAD(+) as the electron acceptor and the other NADP(+). Five isocitrate dehydrogenases have been reported: three NAD(+)-dependent isocitrate dehydrogenases, which localize to the mitochondrial matrix, and two NADP(+)-dependent isocitrate dehydrogenases, one of which is mitochondrial and the other predominantly cytosolic. NAD(+)-dependent isocitrate dehydrogenases catalyze the allosterically regulated rate-limiting step of the tricarboxylic acid, cycle. Each isozyme is a heterotetramer that is composed of two alpha subunits, one beta subunit, and one gamma subunit.

Gene ID:

IDH3G

Uniprot

P51553

Synonyms:

isocitrate dehydrogenase 3 (NAD+) gamma

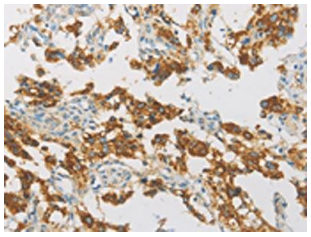
Immunogen:

Fusion protein of human IDH3G.

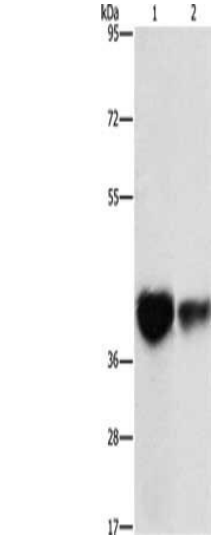
Storage:

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

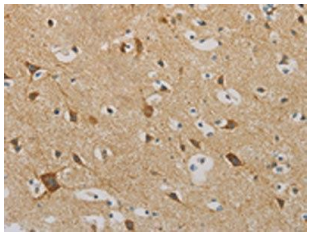
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO15575(IDH3G Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane 1-2: Mouse brain tissue, NIH/3T3 cells, Primary antibody: PACO15575(IDH3G Antibody) at dilution 1/350, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 15 seconds.



The image on the left is immunohistochemistry of paraffin-embedded Human brain tissue using PACO15575(IDH3G Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).

