NQO1 Antibody

PACO18779

Product Information

Size:

50ul

Reactivity:

Human, Mouse, Rat

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:5000, WB:1:500-1:2000, IHC:1:25-1:100

Protein Background:

Functions in mitochondrial and peroxisomal division. Mediates membrane fission through oligomerization into membrane-associated tubular structures that wrap around the scission site to constrict and sever the mitochondrial membrane through a GTP hydrolysis-dependent mechanism. Through its function in mitochondrial division, ensures the survival of at least some types of postmitotic neurons, including Purkinje cells, by suppressing oxidative damage. Required for normal brain development, including that of cerebellum. Facilitates developmentally regulated apoptosis during neural tube formation. Required for a normal rate of cytochrome c release and caspase activation during apoptosis; this requirement may depend upon the cell type and the physiological apoptotic cues. Also required for mitochondrial fission during mitosis. Required for formation of endocytic vesicles.

Gene ID:

NQO1

Uniprot
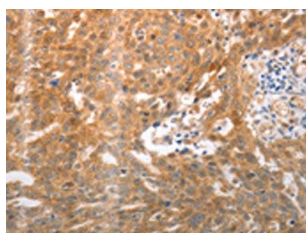
P15559

Synonyms:

NAD(P)H dehydrogenase, quinone 1

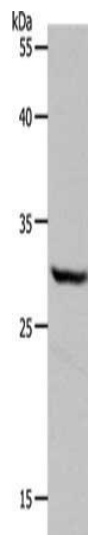**Immunogen:**

Synthetic peptide of human NQO1.

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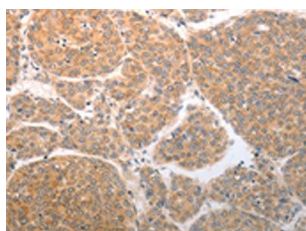
-20° C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product Images

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using PACO18779(NQO1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).

Gel: 10%SDS-PAGE, Lysate: 40 μ g, Lane: Hela cells, Primary antibody: PACO18779(NQO1 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds.

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using PACO18779(NQO1 Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: x—200).