

NIT1 Rabbit mAb

Catalog # AP75811

Specification

NIT1 Rabbit mAb - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IP

<u>086X76</u>

Human, Mouse, Rat

Rabbit

Monoclonal Antibody
35896

NIT1 Rabbit mAb - Additional Information

Gene ID 4817

Other Names

NIT1

Dilution WB~~1/500-1/1000

 $IP \sim \sim N/A$

Format

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

NIT1 Rabbit mAb - Protein Information

Name NIT1

Function

Catalyzes the hydrolysis of the amide bond in N-(4- oxoglutarate)-L-cysteinylglycine (deaminated glutathione), a metabolite repair reaction to dispose of the harmful deaminated glutathione. Plays a role in cell growth and apoptosis: loss of expression promotes cell growth, resistance to DNA damage stress and increased incidence to NMBA-induced tumors. Has tumor suppressor properties that enhances the apoptotic responsiveness in cancer cells; this effect is additive to the tumor suppressor activity of FHIT. It is also a negative regulator of primary T-cells.

Cellular Location

[Isoform 2]: Mitochondrion {ECO:0000250|UniProtKB:Q8VDK1}

Tissue Location

Detected in heart, brain, placenta, liver, skeletal muscle, kidney and pancreas.



NIT1 Rabbit mAb - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

NIT1 Rabbit mAb - Images

