

NIT1 Rabbit mAb

Catalog # AP75811

Product Information

Application	WB, IP
Primary Accession	Q86X76
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	35896

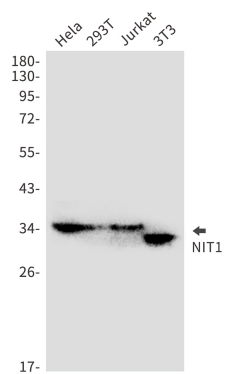
Additional Information

Gene ID	4817
Other Names	NIT1
Dilution	WB~~1/500-1/1000 IP~~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.

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.

Images



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