

NT5C3 rabbit pAb

Cat No.:ES6506

For research use only

Overview

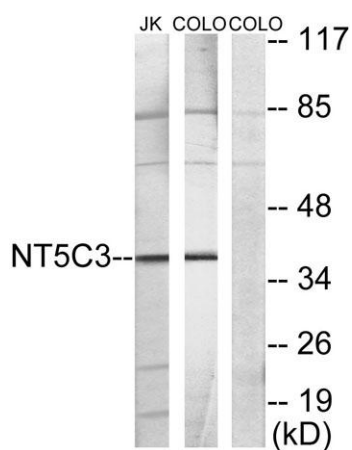
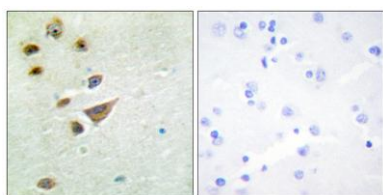
Product Name	NT5C3 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human NT5C3. AA range:11-60
Specificity	NT5C3 Polyclonal Antibody detects endogenous levels of NT5C3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Cytosolic 5'-nucleotidase 3
Gene Name	NT5C3
Cellular localization	Cytoplasm .; [Isoform 2]: Endoplasmic reticulum.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	38kD
Human Gene ID	51251
Human Swiss-Prot Number	Q9H0P0
Alternative Names	NT5C3; P5N1; UMPH1; HSPC233; Cytosolic 5'-nucleotidase 3; Cytosolic 5'-nucleotidase III; cN-III; Pyrimidine 5'-nucleotidase 1; P5'N-1; P5N-1; PN-I; Uridine 5'-monophosphate hydrolase 1; p36 5'-nucleotidase, cytosolic IIIA(NT5C3A) Homo sapiens
Background	This gene encodes a member of the 5'-nucleotidase family of enzymes that catalyze the



dephosphorylation of nucleoside

5'-monophosphates. The encoded protein is the type 1 isozyme of pyrimidine 5' nucleotidase and catalyzes the dephosphorylation of pyrimidine 5' monophosphates. Mutations in this gene are a cause of hemolytic anemia due to uridine 5-prime monophosphate hydrolase deficiency. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and pseudogenes of this gene are located on the long arm of chromosomes 3 and 4. [provided by RefSeq, Mar 2012],

Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NT5C3 Antibody. The picture on the right is blocked with the synthesized peptide.

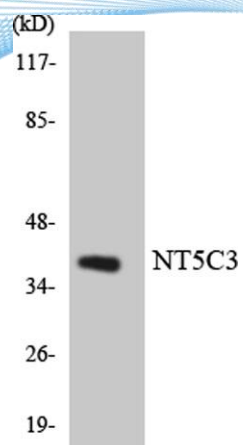


Western blot analysis of lysates from Jurkat and COLO205 cells, using NT5C3 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from 293 cells using NT5C3 antibody.



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