

NT5C3L Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP57545

Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	Q969T7
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34389

Additional Information

Gene ID	115024
Other Names	7-methylguanosine phosphate-specific 5'-nucleotidase, 7-methylguanosine nucleotidase, 3.1.3.91, Cytosolic 5'-nucleotidase 3B, Cytosolic 5'-nucleotidase III-like protein, cN-III-like protein, 3.1.3.5, N(7)-methylguanylate 5'-phosphatase, NT5C3B, NT5C3L
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	NT5C3B
Synonyms	NT5C3L
Function	Specifically hydrolyzes 7-methylguanosine monophosphate (m(7)GMP) to 7-methylguanosine and inorganic phosphate (PubMed: 23223233 , PubMed: 24603684). The specific activity for m(7)GMP may protect cells against undesired salvage of m(7)GMP and its incorporation into nucleic acids (PubMed: 23223233). Also has weak activity for CMP (PubMed: 23223233 , PubMed: 24603684). UMP and purine nucleotides are poor substrates (PubMed: 23223233).
Cellular Location	Cytoplasm.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.