

## Rabbit anti-Human 5',3'-Nucleotidase Polyclonal Antibody | anti-NT5C antibody

Polyclonal Antibody to 5',3'-Nucleotidase, Cytosolic (NT5C)

|                               |                       |                            |                                                                                       |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA145642</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------------------------------------------------|

### PRODUCT SYNONYMS

5'; 3'-Nucleotidase; Polyclonal Antibody; Polyclonal Antibody to 5'; Cytosolic (NT5C); DNT; DNT1; P5N2; PN-I; PN-II; UMPH2; cdN; 5'Nucleotidase; Deoxy(Pyrimidine)Cytosolic Type C; Uridine 5-Prime Monophosphate Hydrolase 2; 5'(3')-deoxyribonucleotidase; cytosolic; anti-NT5C antibody

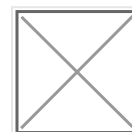
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity                                    | The antibody is a rabbit polyclonal antibody raised against NT5C. It has been selected for its ability to recognize NT5C in immunohistochemical staining and western blotting.                                                                                                                                                                                                                                                                                      |
| Purity/Purification                            | Affinity Chromatography                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Form/Format                                    | Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN <sub>3</sub> , 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                          |
| Concentration                                  | 500ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Applicable Applications for anti-NT5C antibody | ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                     |
| Fragment                                       | NT5C (Pro55~Ala198)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                      | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Cross Reactivity                               | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Immunoglobulin Type                            | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Quality Control                                | Content: The quality control contains recombinant NT5C (Pro55~Ala198) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 0.02%. |
| Conjugated Antibody                            | The APC conjugated antibody version of this item is also available as                                                                                                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                        | Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                       |

### IMAGES



**IHC (Immunohistochemistry)**  
DAB staining on formalin fixed paraffin-embedded pancreas tissue



**WB (Western Blot)**  
Western Blot: Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 356874780                                              |
| NCBI GeneID                      | 30833                                                  |
| NCBI Accession #                 | NP_001239306.1                                         |
| NCBI GenBank Nucleotide #        | NM_001252377.1                                         |
| UniProt Accession #              | Q8TCD5; Q96HS6; Q9NP82                                 |
| Molecular Weight                 | 13,299 Da                                              |
| NCBI Official Full Name          | 5'(3')-deoxyribonucleotidase, cytosolic type isoform 2 |
| NCBI Official Synonym Full Names | 5', 3'-nucleotidase, cytosolic                         |
| NCBI Official Symbol             | NT5C                                                   |
| NCBI Official Synonym Symbols    | DNT; cdN; DNT1; P5N2; PN-I; HEL74; PN-II; UMPH2; dNT-1 |
| NCBI Protein Information         | 5'(3')-deoxyribonucleotidase, cytosolic type           |
| UniProt Protein Name             | 5'(3')-deoxyribonucleotidase, cytosolic type           |
| UniProt Gene Name                | NT5C                                                   |
| UniProt Synonym Gene Names       | DNT1; UMPH2; dNT-1                                     |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/5-3-nucleotidase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145642>