

## Product datasheet for **TA308031**

### NT5C2 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human, Mouse (Predicted: Bovine, Rhesus Monkey)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 108 and 362 of NT5C2 (Uniprot ID#P49902)
Formulation:	0.1M Tris, 0.1M Glycine, 10% Glycerol (pH7). 0.01% Thimerosal was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	65 kDa
Gene Name:	5'-nucleotidase, cytosolic II
Database Link:	<a href="#">NP_001127845</a> <a href="#">Entrez Gene 76952 Mouse</a> <a href="#">Entrez Gene 22978 Human</a> <a href="#">P49902</a>
Background:	Purine 5-prime-nucleotidase (EC 3.1.3.5) preferentially hydrolyzes inosine 5-prime-monophosphate (IMP) and other purine nucleotides, and is allosterically activated by various compounds, including ATP. The enzyme is exclusively located in the cytoplasmic matrix of cells and may have a critical role in the maintenance of a constant composition of intracellular purine/pyrimidine nucleotides in cooperation with other nucleotidases. [supplied by OMIM]
Synonyms:	cN-II; GMP; NT5B; PNT5; SPG45; SPG65

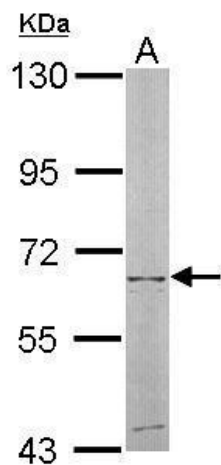


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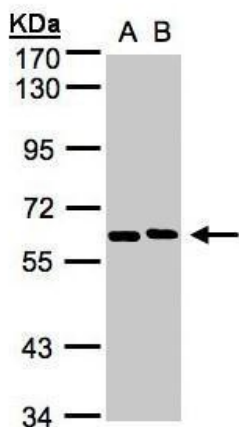
**Note:** Seq homology of immunogen across species: Rhesus Monkey (100%), Bovine (100%)

**Protein Pathways:** Metabolic pathways, Nicotinate and nicotinamide metabolism, Purine metabolism, Pyrimidine metabolism

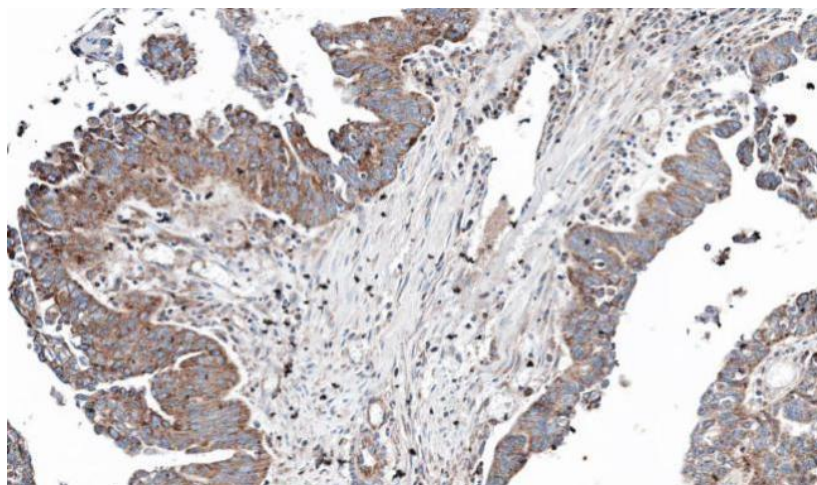
**Product images:**



Sample (50 ug of whole cell lysate). A: mouse liver. 7.5% SDS PAGE. TA308031 diluted at 1:500.



Sample (30 ug whole cell lysate). A:H1299. B:HeLa S3. 7.5% SDS PAGE. TA308031 diluted at 1:1000



Immunohistochemical analysis of paraffin-embedded OVCA, using NT5C2 (TA308031) antibody at 1:100 dilution.