

NT5D2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18155c**Specification**

NT5D2 Antibody (Center) - Product Information

Application	WB,E
Primary Accession	Q9H857
Other Accession	Q6Q0N3 , NP_001127703.1
Reactivity	Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	60719
Antigen Region	289-317

NT5D2 Antibody (Center) - Additional Information**Gene ID** 64943**Other Names**

5'-nucleotidase domain-containing protein 2, 313-, NT5DC2

Target/Specificity

This NT5D2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-317 amino acids from the Central region of human NT5D2.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

NT5D2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

NT5D2 Antibody (Center) - Protein Information**Name** NT5DC2

Function Promotes dephosphorylation of tyrosine 3-monooxygenase TH which decreases TH catalytic activity and leads to reduced synthesis of catecholamines including dopamine, noradrenaline and adrenaline. The exact mechanism of activity is unknown but may act as a phosphatase or promote the activity of phosphatases or may inhibit phosphorylation by acting as a barrier to interfere with protein kinase access.

Cellular Location

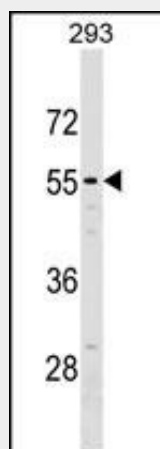
Cytoplasm {ECO:0000250|UniProtKB:Q6Q0N3}.

NT5D2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

NT5D2 Antibody (Center) - Images



NT5D2 Antibody (Center) (Cat. #AP18155c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the NT5D2 antibody detected the NT5D2 protein (arrow).

NT5D2 Antibody (Center) - Background

NT5DC2 belongs to the 5'(3')-deoxyribonucleotidase family.

NT5D2 Antibody (Center) - References

Kimura, K., et al. Genome Res. 16(1):55-65(2006)
Gerhard, D.S., et al. Genome Res. 14 (10B), 2121-2127 (2004) :
Bonaldo, M.F., et al. Genome Res. 6(9):791-806(1996)