

STARD7 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP18631a**Specification**

STARD7 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O9NQZ5
Other Accession	NP_064536.2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	43113
Antigen Region	45-71

STARD7 Antibody (N-term) - Additional Information**Gene ID** 56910**Other Names**

StAR-related lipid transfer protein 7, mitochondrial, Gestational trophoblastic tumor protein 1, START domain-containing protein 7, StARD7, STARD7, GTT1

Target/Specificity

This STARD7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-71 amino acids from the N-terminal region of human STARD7.

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

STARD7 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

STARD7 Antibody (N-term) - Protein Information**Name** STARD7

Synonyms GTT1

Function May play a protective role in mucosal tissues by preventing exaggerated allergic responses.

Cellular Location

Mitochondrion.

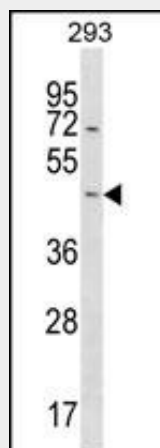
Tissue Location

Expressed in nasal epithelial cells. Down-regulated in nasal epithelial cells in patients experiencing an asthma exacerbation as compared to stable asthmatics and healthy controls

STARD7 Antibody (N-term) - 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](#)

STARD7 Antibody (N-term) - Images

STARD7 Antibody (N-term) (Cat. #AP18631a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the STARD7 antibody detected the STARD7 protein (arrow).

STARD7 Antibody (N-term) - Background

Although the function of this gene is not known, its existence is supported by mRNA and EST data. The predicted gene product contains a region similar to the STAR-related lipid transfer (START) domain, which is often present in proteins involved in the cell signaling mediated by lipid binding. Alternatively spliced transcript variants have been described, although some transcripts occur only in cancer cell lines.

STARD7 Antibody (N-term) - References

Horibata, Y., et al. J. Biol. Chem. 285(10):7358-7365(2010)

Rena, V., et al. Placenta 30(10):876-883(2009)

Szafranski, K., et al. Genome Biol. 8 (8), R154 (2007) :

Durand, S., et al. Placenta 25(1):37-44(2004)