

SYDE1 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16549A

Specification

SYDE1 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	O6ZW31
Other Accession	NP_149014.3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	79793
Antigen Region	1-30

SYDE1 Antibody (N-term) - Additional Information

Gene ID 85360

Other Names

Rho GTPase-activating protein SYDE1, Synapse defective protein 1 homolog 1, Protein syd-1 homolog 1, SYDE1

Target/Specificity

This SYDE1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SYDE1.

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

SYDE1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SYDE1 Antibody (N-term) - Protein Information

Name SYDE1

Function GTPase activator for the Rho-type GTPases. As a GCM1 downstream effector, it is involved in placental development and positively regulates trophoblast cells migration. It regulates cytoskeletal remodeling by controlling the activity of Rho GTPases including RHOA, CDC42 and RAC1 (PubMed:[27917469](#)).

Tissue Location

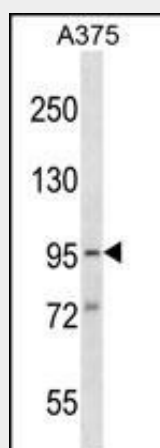
Expressed in trophoblast cells of placental villi.

SYDE1 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](#)

SYDE1 Antibody (N-term) - Images



SYDE1 Antibody (N-term) (Cat. #AP16549a) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the SYDE1 antibody detected the SYDE1 protein (arrow).

SYDE1 Antibody (N-term) - Background

GTPase activator for the Rho-type GTPases by converting them to an inactive GDP-bound state (By similarity).

SYDE1 Antibody (N-term) - References

Ota, T., et al. Nat. Genet. 36(1):40-45(2004)