

SYDE1 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16549a**Specification**

SYDE1 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q6ZW31](#)**SYDE1 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 85360**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SYDE1 Antibody (N-term) Blocking Peptide - 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: <http://www.uniprot.org/citations/27917469> target="_blank">27917469).**Tissue Location**

Expressed in trophoblast cells of placental villi.

SYDE1 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SYDE1 Antibody (N-term) Blocking Peptide - Images

SYDE1 Antibody (N-term) Blocking Peptide - Background

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

SYDE1 Antibody (N-term) Blocking Peptide - References

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