

SIT1 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16787b**Specification**

SIT1 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9Y3P8
Other Accession	Q5M869 , NP_055265.1
Reactivity	Human
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	21126
Antigen Region	161-189

SIT1 Antibody (C-term) - Additional Information**Gene ID** 27240**Other Names**

Signaling threshold-regulating transmembrane adapter 1, SHP2-interacting transmembrane adapter protein, Suppression-inducing transmembrane adapter 1, gp30/40, SIT1, SIT

Target/Specificity

This SIT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-189 amino acids from the C-terminal region of human SIT1.

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

SIT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SIT1 Antibody (C-term) - Protein Information**Name** SIT1

Synonyms SIT

Function Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

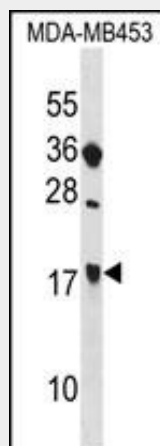
Specifically expressed in T- and B-cells. Present in plasma cells but not in germinal center B-cells (at protein level) Expressed in T- and B-cell lymphoma.

SIT1 Antibody (C-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](#)

SIT1 Antibody (C-term) - Images



SIT1 Antibody (C-term) (Cat. #AP16787b) western blot analysis in MDA-MB453 cell line lysates (35ug/lane). This demonstrates the SIT1 antibody detected the SIT1 protein (arrow).

SIT1 Antibody (C-term) - Background

Negatively regulates TCR (T-cell antigen receptor)-mediated signaling in T-cells. Involved in positive selection of T-cells.

SIT1 Antibody (C-term) - References

Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009)
Tedoldi, S., et al. Blood 107(1):213-221(2006)
Tao, W.A., et al. Nat. Methods 2(8):591-598(2005)

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Rush, J., et al. Nat. Biotechnol. 23(1):94-101(2005)