

Goat Anti-RUTBC3 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2188a**Specification**

Goat Anti-RUTBC3 Antibody - Product Information

Application	WB
Primary Accession	O96HU1
Other Accession	NP_056520 , 27352 , 105835 (mouse) , 362963 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	85354

Goat Anti-RUTBC3 Antibody - Additional Information**Gene ID** 27352**Other Names**

Small G protein signaling modulator 3, Merlin-associated protein, RUN and TBC1 domain-containing protein 3, Rab-GTPase-activating protein-like protein, RabGAPLP, SGSM3 ([HGNC:25228](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=25228))

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-RUTBC3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-RUTBC3 Antibody - Protein Information**Name** SGSM3 ([HGNC:25228](#))**Function**

May play a cooperative role in NF2-mediated growth suppression of cells.

Cellular Location

Cytoplasm.

Tissue Location

Widely expressed..

Goat Anti-RUTBC3 Antibody - 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](#)

Goat Anti-RUTBC3 Antibody - Images

AF2188a (2 µg/ml) staining of A549 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-RUTBC3 Antibody - References

A genome-wide association study of northwestern Europeans involves the C-type natriuretic peptide signaling pathway in the etiology of human height variation. Estrada K, et al. Hum Mol Genet, 2009 Sep 15. PMID 19570815.

Identification and characterization of a novel Tre-2/Bub2/Cdc16 (TBC) protein that possesses Rab3A-GAP activity. Ishibashi K, et al. Genes Cells, 2009 Jan. PMID 19077034.

Identification of three novel proteins (SGSM1, 2, 3) which modulate small G protein (RAP and RAB)-mediated signaling pathway. Yang H, et al. Genomics, 2007 Aug. PMID 17509819.

Novel rab GAP-like protein, CIP85, interacts with connexin43 and induces its degradation. Lan Z, et al. Biochemistry, 2005 Feb 22. PMID 15709751.

MAP, a protein interacting with a tumor suppressor, merlin, through the run domain. Lee IK, et al. Biochem Biophys Res Commun, 2004 Dec 17. PMID 15541357.