

Goat anti-Sgta (mouse aa84-97) Antibody
Peptide-affinity purified goat antibody
Catalog # AF4472a

Specification

Goat anti-Sgta (mouse aa84-97) Antibody - Product Information

Application	WB, IHC, Pep-ELISA
Primary Accession	O43765
Other Accession	NP_078775.1
Reactivity	Human, Mouse, Rat, Pig, Dog, Bovine
Host	Goat
Clonality	Polyclonal
Calculated MW	34063

Goat anti-Sgta (mouse aa84-97) Antibody - Additional Information

Gene ID 6449

Other Names

Sgta; small glutamine-rich tetratricopeptide repeat (TPR)-containing, alpha; 5330427H01Rik; A1194281; D10Erttd190e; Sgt; Stg; alpha-SGT; small glutamine-rich tetratricopeptide repeat (TPR) containing protein; small glutamine-rich tetratricopeptide repeat-c

Format

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

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-Sgta (mouse aa84-97) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat anti-Sgta (mouse aa84-97) Antibody - Protein Information

Name SGTA

Synonyms SGT, SGT1

Function

Co-chaperone that binds misfolded and hydrophobic patches- containing client proteins in the cytosol. Mediates their targeting to the endoplasmic reticulum but also regulates their sorting to the proteasome when targeting fails (PubMed: [28104892](http://www.uniprot.org/citations/28104892)). Functions in tail- anchored/type II transmembrane proteins membrane insertion constituting with ASNA1 and

the BAG6 complex a targeting module (PubMed:[28104892](http://www.uniprot.org/citations/28104892)). Functions upstream of the BAG6 complex and ASNA1, binding more rapidly the transmembrane domain of newly synthesized proteins (PubMed:[25535373](http://www.uniprot.org/citations/25535373), PubMed:[28104892](http://www.uniprot.org/citations/28104892)). It is also involved in the regulation of the endoplasmic reticulum-associated misfolded protein catabolic process via its interaction with BAG6: collaborates with the BAG6 complex to maintain hydrophobic substrates in non-ubiquitinated states (PubMed:[23129660](http://www.uniprot.org/citations/23129660), PubMed:[25179605](http://www.uniprot.org/citations/25179605)). Competes with RNF126 for interaction with BAG6, preventing the ubiquitination of client proteins associated with the BAG6 complex (PubMed:[27193484](http://www.uniprot.org/citations/27193484)). Binds directly to HSC70 and HSP70 and regulates their ATPase activity (PubMed:[18759457](http://www.uniprot.org/citations/18759457)).

Cellular Location

Cytoplasm. Nucleus. Note=Co-localizes with HSP90AB1 in the cytoplasm. Increased nuclear accumulation seen during cell apoptosis

Tissue Location

Ubiquitous.

Goat anti-Sgta (mouse aa84-97) 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-Sgta (mouse aa84-97) Antibody - Images