

# SGTB Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP5076A

## Product Information

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|--------------------------|-------------------------------------------------|
| <b>Application</b>       | WB, IHC-P, E                                    |
| <b>Primary Accession</b> | <a href="#">Q96EQ0</a>                          |
| <b>Other Accession</b>   | <a href="#">Q80W98</a> , <a href="#">Q8VD33</a> |
| <b>Reactivity</b>        | Human, Mouse                                    |
| <b>Predicted</b>         | Rat, Bovine, Canine, Rabbit, Chicken            |
| <b>Host</b>              | Rabbit                                          |
| <b>Clonality</b>         | Polyclonal                                      |
| <b>Isotype</b>           | Rabbit IgG                                      |
| <b>Clone Names</b>       | RB25990                                         |
| <b>Calculated MW</b>     | 33429                                           |
| <b>Antigen Region</b>    | 71-100                                          |

## Additional Information

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|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 54557                                                                                                                                                                        |
| <b>Other Names</b>        | Small glutamine-rich tetratricopeptide repeat-containing protein beta, Beta-SGT, Small glutamine-rich protein with tetratricopeptide repeats 2, SGTB, SGT2                   |
| <b>Target/Specificity</b> | This SGTB antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-100 amino acids from the N-terminal region of human SGTB.          |
| <b>Dilution</b>           | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.                                                                                                      |
| <b>Format</b>             | 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. |
| <b>Storage</b>            | 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.                                      |
| <b>Precautions</b>        | SGTB Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                     |

## Protein Information

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|-----------------|------|
| <b>Name</b>     | SGTB |
| <b>Synonyms</b> | SGT2 |

**Function** Co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity.

## Background

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SGTB is co-chaperone that binds directly to HSC70 and HSP70 and regulates their ATPase activity.

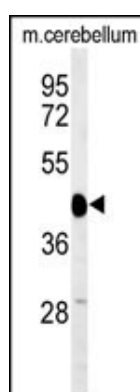
## References

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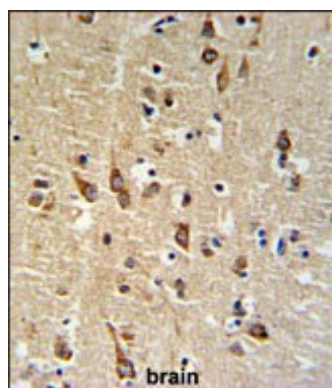
Heavner, G.A., et al. Regul. Pept. 27(2):257-262(1990)

## Images

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Western blot analysis of SGTB Antibody (N-term) (Cat. #AP5076a) in mouse cerebellum tissue lysates (35ug/lane).SGTB (arrow) was detected using the purified Pab.



SGTB Antibody (N-term) (Cat. #AP5076a) IHC analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SGTB Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

## Citations

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- [SGTB Promotes the Caspase-Dependent Apoptosis in Chondrocytes of Osteoarthritis.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.