

## Anti-ATS5 ADAMTS5 Antibody

Catalog Number: A02802

### About ADAMTS5

The nuclear form acts as a tumor suppressor by preventing ubiquitination and degradation of isoform p19ARF/ARF of CDKN2A by TRIP12: acts by interacting with TRIP12, leading to disrupt interaction between TRIP12 and isoform p19ARF/ARF of CDKN2A. By similarity. Adapter molecule for TNFRSF1A/TNFR1 that specifically associates with the cytoplasmic domain of activated TNFRSF1A/TNFR1 mediating its interaction with FADD. Overexpression of TRADD leads to two major TNF-induced responses, apoptosis and activation of NF-kappa-B.

Hiroyasu Inada, J. Cell Biol., Oct 2001; 155: 415.

Kenneth M. Izumi, Mol. Cell. Biol., Aug 1999; 19: 5759 - 5767.

Susumu Rokudai, Mol. Cell. Biol., Dec 2002; 22: 8695 - 8708.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-ATS5 ADAMTS5 Antibody   |
| Reactive Species     | Human, Mouse   |
| Description          | Boster Bio Anti-ATS5 ADAMTS5 Antibody catalog # A02802. Tested in ELISA, WB applications. This antibody reacts with Human, Mouse.          |
| Application          | ELISA, WB  |
| Clonality            | Polyclonal   |
| Formulation          | Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.  |
| Storage Instructions | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |
| Host                 | Rabbit   |
| Uniprot ID           | Q9UNA0   |

### Technical Details

|                            |  |
|----------------------------|--|
| Immunogen                  | A synthetic peptide corresponding to a sequence at the C-terminus of human ADAMTS5, different from the related mouse sequence by one amino acid. |
| Predicted Reactive Species | Boar, Bovine, Canine, Golden Hamster   |
| Isotype                    | IgG  |
| Form                       | Liquid   |
| Concentration              | 1 mg/ml  |

|                     |  |
|---------------------|--|
| Purification        | ATS5 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.   |
| Suggested Dilutions | <p>Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.</p> <p>If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.</p> <p>Some PubMed article(s) citing the expression level of this target are as follows:</p> <p>Boster Bio's internal QC testing used:</p> <p>WB 1:500-2000</p> <p>ELISA 1:5000-20000</p> |

## 2 Publications Citing This Product

1. PubMed ID: ,

2. PubMed ID: 33130473, Sun K,Luo J,Jing X,Xiang W,Guo J,Yao X,Liang S,Guo F,Xu T.Hyperoside ameliorates the progression of osteoarthritis: An in vitro and in vivo study.Phytomedicine.2020 Oct 14;80:153387.doi:10.1016/j.phymed.2020. 153387.Epub ahead of print.PMID:33130473.

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