

## ADAMTS2 Polyclonal Antibody

**Catalog No.** E-AB-19434

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

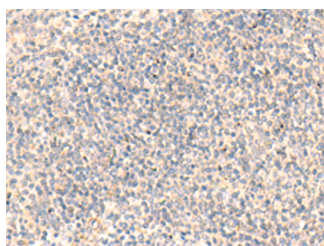
### Description

|                     |                                                         |
|---------------------|---------------------------------------------------------|
| <b>Reactivity</b>   | Human, Mouse                                            |
| <b>Immunogen</b>    | Synthetic peptide of human ADAMTS2                      |
| <b>Host</b>         | Rabbit                                                  |
| <b>Isotype</b>      | IgG                                                     |
| <b>Purification</b> | Antigen affinity purification                           |
| <b>Conjugation</b>  | Unconjugated                                            |
| <b>Buffer</b>       | PBS with 0.05% NaN <sub>3</sub> and 40% Glycerol, pH7.4 |

### Applications Recommended Dilution

|            |            |
|------------|------------|
| <b>IHC</b> | 1:30-1:150 |
|------------|------------|

### Data



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ADAMTS2 Polyclonal Antibody at dilution of 1:45(×200)

### Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

### Background

This gene encodes a member of the ADAMTS (a disintegrin and metalloproteinase with thrombospondin motifs) protein family. Members of the family share several distinct protein modules, including a propeptide region, a metalloproteinase domain, a disintegrin-like domain, and a thrombospondin type 1 (TS) motif. Individual members of this family differ in the number of C-terminal TS motifs, and some have unique C-terminal domains. The enzyme encoded by this gene excises the N-propeptide of type I, type II and type V procollagens. Mutations in this gene cause Ehlers-Danlos syndrome type VIIC, a recessively inherited connective-tissue disorder. Alternative splicing results in multiple transcript variants.

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