

## Product datasheet for **TA332391S**

### alpha 1 Antichymotrypsin (SERPINA3) Rabbit Polyclonal Antibody

#### Product data:

|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Applications:           | ELISA, IHC, WB   |
| Recommended Dilution:   | WB, 1:100 - 1:500<br>IHC-P, 1:50 - 1:200<br>ELISA, Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| Reactivity:             | Human  |
| Host:                   | Rabbit   |
| Isotype:                | IgG  |
| Clonality:              | Polyclonal   |
| Formulation:            | Store at -20°C (regular) and -80°C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  |
| Concentration:          | lot specific   |
| Purification:           | Affinity purification  |
| Conjugation:            | Unconjugated   |
| Storage:                | Store at -20°C. Avoid freeze / thaw cycles.  |
| Stability:              | Stable for 12 months from date of receipt.   |
| Predicted Protein Size: | 48kDa  |
| Gene Name:              | serpin family A member 3   |
| Database Link:          | <a href="#">NP_001076</a><br><a href="#">Entrez Gene 12 Human</a><br><a href="#">P01011</a>  |



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|--------------------------|--|
| <b>Background:</b>       | The protein encoded by this gene is a member of the serpin family of proteins, a group of proteins that inhibit serine proteases. This gene is one in a cluster of serpin genes located on the q arm of chromosome 14. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease. |
| <b>Synonyms:</b>         | AACT; ACT; GIG24; GIG25  |
| <b>Protein Families:</b> | Druggable Genome, Secreted Protein   |