

# Product Datasheet

## BoNT-A Light Chain Antibody [DyLight 405] AF4489E

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF4489E****BoNT-A Light Chain Antibody [DyLight 405]**

| <b>Product Information</b>         |                                                                                                                                                                                                                         |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 0.1 ml                                                                                                                                                                                                                  |
| <b>Concentration</b>               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                             |
| <b>Storage</b>                     | Store at 4C in the dark.                                                                                                                                                                                                |
| <b>Clonality</b>                   | Polyclonal                                                                                                                                                                                                              |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                      |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                     |
| <b>Conjugate</b>                   | DyLight 405                                                                                                                                                                                                             |
| <b>Purity</b>                      | Antigen Affinity-purified                                                                                                                                                                                               |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                      |
| <b>Product Description</b>         |                                                                                                                                                                                                                         |
| <b>Host</b>                        | Sheep                                                                                                                                                                                                                   |
| <b>Gene ID</b>                     | 5185061                                                                                                                                                                                                                 |
| <b>Gene Symbol</b>                 | atx                                                                                                                                                                                                                     |
| <b>Species</b>                     | <i>C. botulinum</i>                                                                                                                                                                                                     |
| <b>Reactivity Notes</b>            | <i>C. botulinum</i>                                                                                                                                                                                                     |
| <b>Specificity/Sensitivity</b>     | Detects <i>C. botulinum</i> BoNTA Light Chain in direct ELISAs and Western blots. In direct ELISAs and Western blots, less than 1% cross-reactivity with recombinant <i>C. botulinum</i> BoNTA Heavy Chain is observed. |
| <b>Immunogen</b>                   | <i>E. coli</i> -derived recombinant Clostridium BoNT-A Light Chain<br>Met1-Phe425<br>Accession # Q45894                                                                                                                 |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                       |
| <b>Product Application Details</b> |                                                                                                                                                                                                                         |
| <b>Applications</b>                | Western Blot, Immunoprecipitation                                                                                                                                                                                       |
| <b>Recommended Dilutions</b>       | Western Blot, Immunoprecipitation                                                                                                                                                                                       |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                  |





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### **Products Related to AF4489E**

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|             |                                   |
|-------------|-----------------------------------|
| 4489-ZN-010 | BoNT-A Light Chain [Unconjugated] |
|-------------|-----------------------------------|

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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