

# Product Datasheet

## ATF4 Antibody (S360A-24) [CoraFluor™ 1] NBP2-42176CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-42176CL1**

ATF4 Antibody (S360A-24) [CoraFluor™ 1]

| Product Information         |                                                                                                                                                               |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                        |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                   |
| Storage                     | Store at 4C in the dark. Do not freeze.                                                                                                                       |
| Clonality                   | Monoclonal                                                                                                                                                    |
| Clone                       | S360A-24                                                                                                                                                      |
| Preservative                | No Preservative                                                                                                                                               |
| Isotype                     | IgG2a                                                                                                                                                         |
| Conjugate                   | CoraFluor 1                                                                                                                                                   |
| Purity                      | Protein G purified                                                                                                                                            |
| Buffer                      | PBS                                                                                                                                                           |
| Product Description         |                                                                                                                                                               |
| Host                        | Mouse                                                                                                                                                         |
| Gene ID                     | 468                                                                                                                                                           |
| Gene Symbol                 | ATF4                                                                                                                                                          |
| Species                     | Human, Rat                                                                                                                                                    |
| Specificity/Sensitivity     | Less then 50% identity with ATF5.Detects approx 60kDa. Does not cross-react with ATF5.                                                                        |
| Immunogen                   | Fusion protein amino acids 25-327 of human ATF4. 86% identical to rat, and 85% identical to mouse. <50% identity with ATF5.                                   |
| Notes                       | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |
| Product Application Details |                                                                                                                                                               |
| Applications                | Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                   |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                        |





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### **Products Related to NBP2-42176CL1**

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|                 |                                           |
|-----------------|-------------------------------------------|
| NBP1-72383-50ug | Recombinant Human ATF4 His-Cam Protein    |
| 212-GD-010      | GDNF [Unconjugated]                       |
| NBP2-69883      | Human ATF4 ELISA Kit (Colorimetric)       |
| NB100-2323      | IRE1 alpha [p Ser724] Antibody - BSA Free |

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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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