

## Rabbit anti-Mouse, Human ATF4 Polyclonal Antibody | anti-ATF4 antibody

ATF4 Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                                             |
|-----------|--------|--------------|----------------------------------------------------------|
| AAA162490 | Rabbit | Mouse, Human | Western Blot, Immunohistochemistry, Immunohistochemistry |

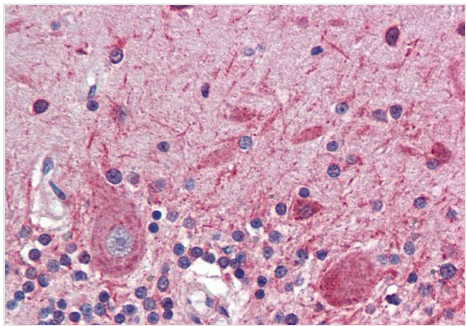
### PRODUCT SYNONYMS

ATF4; Polyclonal Antibody; ATF4 Rabbit anti-Mouse Polyclonal (N-Terminus) Antibody; IHC-plus ATF4 Antibody (N-Terminus); CREB-2; CREB2; TXREB; DNA-binding protein TAXREB67; TAXREB67; anti-ATF4 antibody

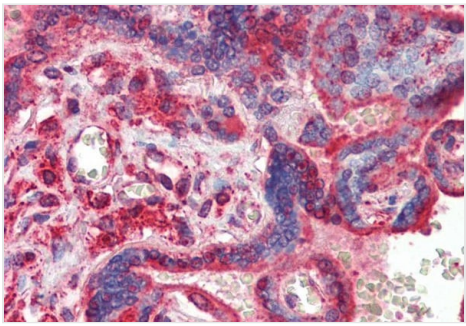
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                        |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                 |
| Reactivity                                     | Mouse, Human                                                                                                           |
| Clonality                                      | Polyclonal                                                                                                             |
| Isotype                                        | IgG                                                                                                                    |
| Specificity                                    | Mouse ATF4                                                                                                             |
| Purity/Purification                            | Immunoaffinity purified                                                                                                |
| Form/Format                                    | PBS, 0.09% sodium azide, 2% sucrose                                                                                    |
| Concentration                                  | 0.5mg/ml (varies by lot)                                                                                               |
| Applicable Applications for anti-ATF4 antibody | WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)                                              |
| Target                                         | Mouse ATF4                                                                                                             |
| Immunogen                                      | Synthetic peptide from N-Terminus of mouse ATF4 (Q61328, NP_033846). Percent identity by BLAST analysis: Mouse (100%). |
| Conjugation                                    | Unconjugated                                                                                                           |
| Epitope                                        | N-Terminus                                                                                                             |
| Family                                         | Transcription factor                                                                                                   |
| Preparation and Storage                        | Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.             |

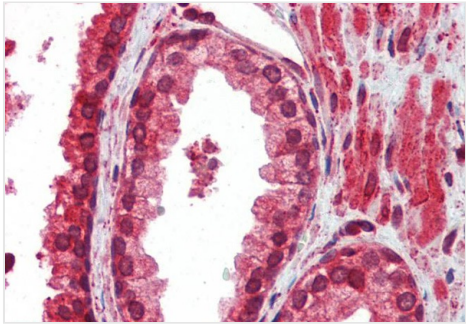
IMAGES



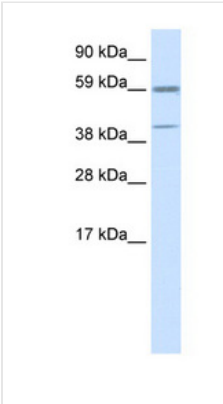
**IHC (Immunohistochemistry)**  
ATF4 Antibody-Anti-ATF4 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



**IHC (Immunohistochemistry)**  
ATF4 Antibody-Anti-ATF4 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



**IHC (Immunohistochemistry)**  
ATF4 Antibody-Anti-ATF4 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



**WB (Western Blot)**  
ATF4 Antibody-ATF4 antibody Western blot of NIH/3T3 cell lysate. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                      |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ATF4 antibody | ATF4 antibody is an unconjugated rabbit polyclonal antibody to ATF4 (N-Terminus) from mouse. It is reactive with human and mouse. Validated for IHC and WB. Cited in 2 publications. |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                 |
|----------------------------------|-------------------------------------------------|
| NCBI GI #                        | 33469976                                        |
| NCBI GeneID                      | 468                                             |
| NCBI Accession #                 | NP_001666.2                                     |
| NCBI GenBank Nucleotide #        | NM_001675                                       |
| UniProt Accession #              | P18848; Q9UH31                                  |
| Molecular Weight                 | 40 kDa                                          |
| NCBI Official Full Name          | cyclic AMP-dependent transcription factor ATF-4 |
| NCBI Official Synonym Full Names | activating transcription factor 4               |
| NCBI Official Symbol             | ATF4                                            |
| NCBI Official Synonym Symbols    | CREB2; TXREB; CREB-2; TAXREB67                  |

|                                   |                                                                                                                                                                                                                                                                 |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>NCBI Protein Information</b>   | cyclic AMP-dependent transcription factor ATF-4; DNA-binding protein TAXREB67; tax-responsive enhancer element B67; cAMP response element-binding protein 2; cAMP-dependent transcription factor ATF-4; cAMP-responsive element-binding protein 2; cyclic AMP-r |
| <b>UniProt Protein Name</b>       | Cyclic AMP-dependent transcription factor ATF-4                                                                                                                                                                                                                 |
| <b>UniProt Gene Name</b>          | <b>ATF4</b>                                                                                                                                                                                                                                                     |
| <b>UniProt Synonym Gene Names</b> | CREB2; TXREB; cAMP-dependent transcription factor ATF-4; CREB-2; cAMP-responsive element-binding protein 2; TaxREB67                                                                                                                                            |
| <b>UniProt Entry Name</b>         | ATF4_HUMAN                                                                                                                                                                                                                                                      |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/atf4-antibody-western-blot-immunohistochemistry-immunohistochemistry-elisa/162490>