

ATF4 Antibody

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| Cat. No.: | HY-P80553 |
| Synonyms: | ATF4 Antibody is a non-conjugated and Rabbit originated polyclonal antibody about 39 kDa, targeting to ATF4. It can be used for WB,IHC-P,ICC/IF,IP,FC assays with tag free, in the background of Human, Mouse, Rat. |
| Host: | Rabbit |
| Reactivity: | Human,Mouse,Rat |
| Conjugation: | Non-conjugated |
| SwissProt ID: | P18848 |
| Research Field: | Epigenetics and Nuclear Signaling |
| Molecular Weight: | Predicted band size: 39 kDa |

PROPERTIES

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| Formulation | Supplied in phosphate buffered saline (pH 7.4), 150 mM NaCl and 50% glycerol. Preservative: 0.02% sodium azide | |
| Purity | affinity purified | |
| Storage & Stability | Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles. | |
| Appearance | Liquid | |
| Application & Dilution Ratio | Application | Dilution Ratio |
| | WB | 1:500-1:1,000 |
| | IHC | 1:50-1:100 |
| | IF | 1:50-1:200 |
| | IP | 1:20 |
| | FC | 1:50-1:100 |
| Shipping | Shipping with blue ice. | |

DESCRIPTION

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| Background | <p>ATF4: This gene encodes a transcription factor that was originally identified as a widely expressed mammalian DNA binding protein that could bind a tax-responsive enhancer element in the LTR of HTLV-1. The encoded protein was also isolated and characterized as the cAMP-response element binding protein 2 (CREB-2). The protein encoded by this gene belongs to a family of DNA-binding proteins that includes the AP-1 family of transcription factors, cAMP-response element binding proteins (CREBs) and CREB-like proteins. These transcription factors share a leucine zipper region that is involved in protein-protein interactions, located C-terminal to a stretch of basic amino acids that functions as a DNA binding domain. Two alternative transcripts encoding the same protein have been described. Two pseudogenes are located on the X chromosome at q28 in a region containing a large inverted duplication. [provided by RefSeq, Sep 2011]</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

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