



### Anti-ATF4, NeuroMab clone N360A/24

#### Immunogen:

Fusion protein amino acids 25-327 (nearly full-length, all but first 24 amino acids) of human ATF4 (also known as Activating transcription factor 4, Cyclic AMP-dependent transcription factor, Cyclic AMP-responsive element-binding protein 2, CREB-2, C/EBP-related ATF, C/ATF, Tax-responsive enhancer element-binding protein 67, DNA-binding protein TAXREB67 and TXREB, accession number P18848)

Rat: 86% identity (284/327 amino acids identical)

Mouse: 85% identity (280/328 amino acids identical)

<50% identity with ATF5

#### Monoclonal antibody info:

Mouse strain: Balb/C

Myeloma cell: SP2/0

Mouse Ig Isotype: IgG2a

#### NeuroMab Applications:

Immunoblot,  
 Immunocytochemistry and  
 Immunohistochemistry

Species Reactivity: human, rat

Does not cross-react with ATF5

MW: 60 kDa

Top left: transfected cell immunoblot: extracts of COS cells transiently transfected with HA-tagged ATF4 or untagged ATF5 or Kv2.1 plasmid and probed with N360A/24 TC supe (left), Rabbit anti-ATF5 (middle) or K89/34 TC supe (right).

Top right: adult rat brain low-speed pellet immunoblot

Bottom: adult rat brain immunohistochemistry

