

## Product Datasheet

# ATF5 Antibody



Catalog No: CY5878

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC/IF IP

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### Information

**UniProt ID:** Q9Y2D1

**All Names:** Cyclic AMP-dependent transcription factor ATF-5; Activating transcription factor 5; Transcription factor ATFx; ATF5; ATFX; NAP1; NRIF3 associated protein; ODA 10;

**Form:** Liquid

**Storage instructions:** Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 31 kDa

### Application

WB 1:1000~1:2000

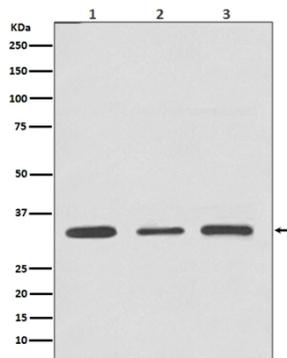
IHC 1:100~1:500

ICC/IF 1:50~1:200

IP 1:50

### Background

ATF5 or Activating transcription factor 5, binds to cAMP inducible promoters and is involved in gene transcription. This protein binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. ATF5 plays a role in inhibition of nerve growth factor induced neuronal outgrowth and regulation of neurogenesis.



Western blot analysis of ATF5 expression in (1) Jurkat cell lysate; (2) 3T3 cell lysate; (3) C6 cell lysate.

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