

ATF4 Ab

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Cat.#: AF5416
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 39~49kD
Clonality: Polyclonal

Application:

WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Immunogen:

A synthesized peptide derived from human ATF4, corresponding to a region within the internal amino acids.

Uniprot:

P18848

Description:

Transcriptional activator. Binds the cAMP response element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Cooperates with FOXO1 in osteoblasts to regulate glucose homeostasis through suppression of beta-cell production and decrease in insulin production

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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