

Anti- ATF-2 (Phospho-Ser472) Polyclonal Antibody



<u>Catalog No.</u>	<u>Size</u>
A100323-01	50 µl
A100323-02	100 µl

Specificity	Anti- ATF-2 (Phospho-Ser472) (human mouse rat)
Source	Rabbit Polyclonal
Application	ELISA IHC
Form	Liquid, 1 mg/ml

Product

Swiss-Prot No.: P15336

Other Names: Activating 2; ATF2; cAMP response element binding protein CRE- BP1; CREB2; CREBP1; Cyclic-AMP-dependent ATF-2; HB16; MXBP protein

Specificity and Sensitivity

ATF-2 (Phospho-Ser472) antibody detects endogenous levels of ATF-2 only when phosphorylated at serine 472.

Source and Purification

The antiserum was produced against synthesized phosphopeptide derived from human ATF-2 around the phosphorylation site of serine 472 (A-L-S^P-Q-I). The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Application Notes

Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows:

IHC: 1:50~1:100 ELISA: 1:5000

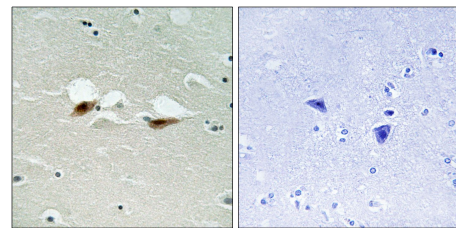
Storage Buffer

Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Storage Instructions

Stable for 1 year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4°C for 3 months.

Images



P-peptide - +

Immunohistochemistry analysis of paraffin-embedded human brain tissue using ATF-2 (Phospho-Ser472) antibody.