ATF2(Ab-62 or 44) Antibody

Catalog No: #21029

Package Size: #21029-1 50ul #21029-2 100ul #21029-4 25ul

Overview

Product Name	ATF2(Ab-62 or 44) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	ATF2
Alternative Names	CREB2; CREBP1;

Application Details

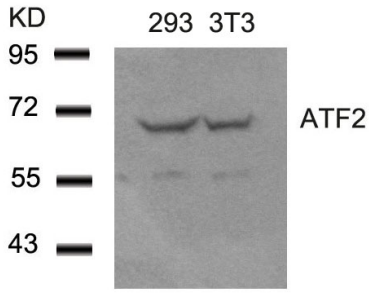
Predicted MW: 65-75 kd

Western blotting: 1:500~1:1000

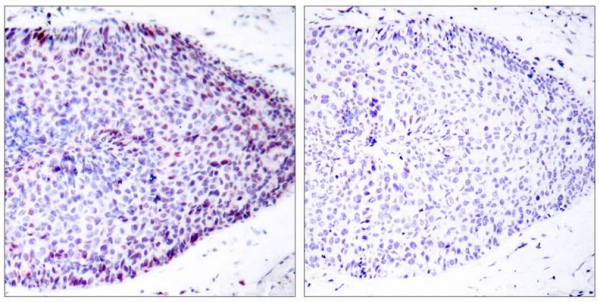
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

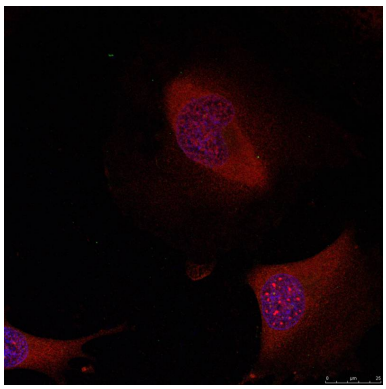
Images



Western blot analysis of extracts from 293 and 3T3 cells using ATF2(Ab-62 or 44) Antibody #21029.



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ATF2(Ab-62 or 44) Antibody #21029(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using ATF2(Ab-62 or 44) Antibody #21029.

Descriptions

Immunogen	Peptide sequence around aa.serine 60~64 or 42~46 (N-D-S-V-I) derived from Human ATF2.
Specificity	The antibody detects endogenous level of total ATF-2 protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P15336NCBI Protein: NP_001871.2

Related Information

Transcriptional activator, probably constitutive, which binds to the cAMP-responsive element (CRE) (consensus: 5'-GTGACGT[AC][AG]-3'), a sequence present in many viral and cellular promoters. Interaction with JUN redirects JUN to bind to CRES preferentially over the 12-O-tetradecanoylphorbol-13-acetate response elements (TRES) as part of an ATF2-c-Jun complex.

Sevilla A, et al. (2004) J Biol Chem. 279(26):27458-27465.
Sakurai A, et al. (1991) Biochem Biophys Res Commun. 181(2): 629-635.
Abdel-Hafiz H A, et al. (1992) Mol Endocrinol. 6: 2079-2089.
Gupta S, et al. (1995) Science. 267: 389-393.
Van Dam H, et al. (1995) EMBO J. 14(8): 1798-1811.