

# Product Datasheet

## ATF2 Antibody NB100-835

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB100-835**

ATF2 Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

**Product Description**

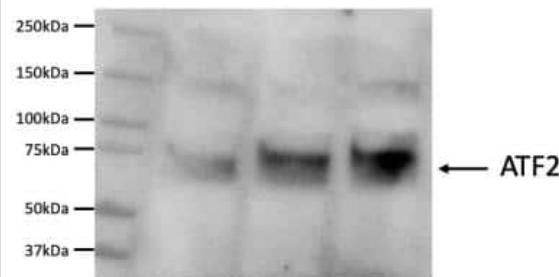
<b>Description</b>	Novus Biologicals Goat ATF2 Antibody (NB100-835) is a polyclonal antibody validated for use in WB and ELISA. Anti-ATF2 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	1386
<b>Gene Symbol</b>	ATF2
<b>Species</b>	Human
<b>Immunogen</b>	Peptide with sequence C-IVMAPSSQSQPSGS corresponding to C-Terminus according to NP_001871.2.

**Product Application Details**

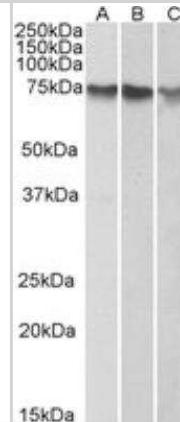
<b>Applications</b>	Western Blot, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.3 - 1 ug/mL, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx. 55 kDa band and 30 kDa band bands observed in lysates of human placenta. These bands correspond to earlier findings in scientific literature (PMID: 11932306). Approx. 75 kDa band observed in nuclear lysates of HeLa, HepG2 and K562 is reported in scientific literature (PMID: 19331149).

## Images

Western Blot: ATF2 Antibody [NB100-835] - Human primary astrocyte lysates probed with ATF2 antibody. WB image submitted by a verified customer review.



Western Blot: ATF2 Antibody [NB100-835] - Staining of HepG2 (A), K562 (B) and HeLa (C) nuclear lysates (35 ug protein in RIPA buffer). Antibody at 1 ug/mL. Detected by chemiluminescence.



## Publications

Monzen K, Hiroi Y, Kudoh S et al. Smads, TAK1, and their common target ATF-2 play a critical role in cardiomyocyte differentiation. *J Cell Biol* 2001-05-14 [PMID: 11352931]

Bailey J, Phillips RJ, Pollard AJ et al. Characterization and functional analysis of cAMP response element modulator protein and activating transcription factor 2 (ATF2) isoforms in the human myometrium during pregnancy and labor: identification of a novel ATF2 species with potent transactivation properties. *J Clin Endocrinol Metab* 2002-04-01 [PMID: 11932306]



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## Products Related to NB100-835

NB800-PC1	HeLa Whole Cell Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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