

Product Datasheet

ATF5 Antibody NBP1-51908

Unit Size: 0.1 mg

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

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Publications: 3

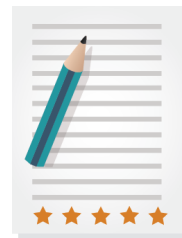
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NBP1-51908**ATF5 Antibody**

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA
Product Description	
Host	Goat
Gene ID	22809
Gene Symbol	ATF5
Species	Human, Mouse, Rat
Immunogen	Peptide with sequence EVYKARSQRTRSC corresponding to C-Terminus according to NP_036200.2.
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 1 - 3 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Approx. 30 kDa band observed in human heart lysates (calculated MW of 30.7 kDa band according to NP_036200.2).



Images

Western Blot: ATF5 Antibody [NBP1-51908] - Staining of Mouse (A) and Rat (B) Skeletal Muscle lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



Western Blot: ATF5 Antibody [NBP1-51908] - Analysis of ATF5 antibody in human heart lysate (RIPA buffer, 35 ug total loaded per lane) using NBP1-51908 at 1.5 ug/ml. Primary incubated for 1 hour. ATF5 antibody detected by western blot using chemiluminescence.



Publications

Peters CS, Liang X, Li S et al. ATF-7, a novel bZIP protein, interacts with the PRL-1 protein-tyrosine phosphatase. J Biol Chem 2001-04-27 [PMID: 11278933]

Pascual M, Gomez-Lechon MJ, Castell JV, Jover R. ATF5 is a highly abundant liver-enriched transcription factor that cooperates with constitutive androstane receptor in the transactivation of CYP2B6: implications in hepatic stress responses. Drug Metab Dispos. 2008-06-01 [PMID: 18332083] (WB, Human)

Details:

WB (human AD-ATF5 infected HepG2 cells), Fig. 3B.

Sampath P, Pritchard DK, Pabon L et al. A hierarchical network controls protein translation during murine embryonic stem cell self-renewal and differentiation. Cell Stem Cell. 2008-05-08 [PMID: 18462695] (WB, Mouse)

Details:

WB (mouse embryonic stem cells and embryoid bodies): Fig. 5A, B, F.



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Products Related to NBP1-51908

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
H00022809-P01-2ug	Recombinant Human ATF5 GST (N-Term) Protein

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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