

Product Datasheet

USF2 Antibody (5E9) - Azide and BSA Free H00007392-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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Publications: 1

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H00007392-M01

USF2 Antibody (5E9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	5E9
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7392
Gene Symbol	USF2
Species	Human, Rat
Specificity/Sensitivity	USF2 - upstream transcription factor 2, c-fos interacting
Immunogen	USF2 (NP_003358, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MDMLDPGLDPAASATAAAAASHDKGPEAEEGVELQEGGDGPGAAEEQTAVAIT SVQQAAGFDHNIQYQFRTETNGGQVTYRVVQVTDGQLDGQGDTAGAVS
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

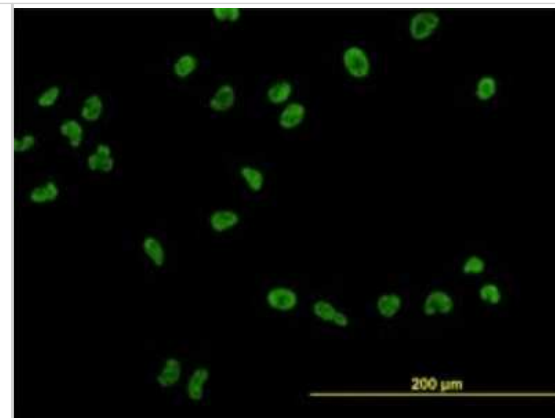
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IF, IHC-P and ELISA.

Images

Western Blot: USF2 Antibody (5E9) [H00007392-M01] - USF2 monoclonal antibody (M01), clone 5E9. Analysis of USF2 expression in different cell lines.



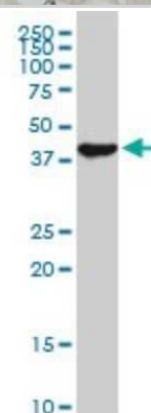
Immunocytochemistry/Immunofluorescence: USF2 Antibody (5E9) [H00007392-M01] - Analysis of monoclonal antibody to USF2 on HeLa cell. Antibody concentration 10 ug/ml.



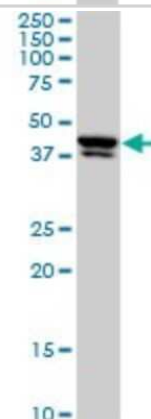
Immunohistochemistry-Paraffin: USF2 Antibody (5E9) [H00007392-M01] - Analysis of monoclonal antibody to USF2 on formalin-fixed paraffin-embedded human cerebral cortex. Antibody concentration 1 ug/ml.



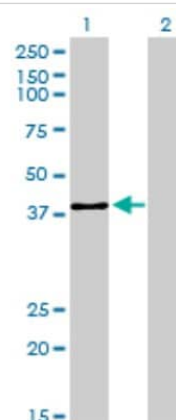
Western Blot: USF2 Antibody (5E9) [H00007392-M01] - USF2 monoclonal antibody (M01), clone 5E9. Analysis of USF2 expression in PC-12.



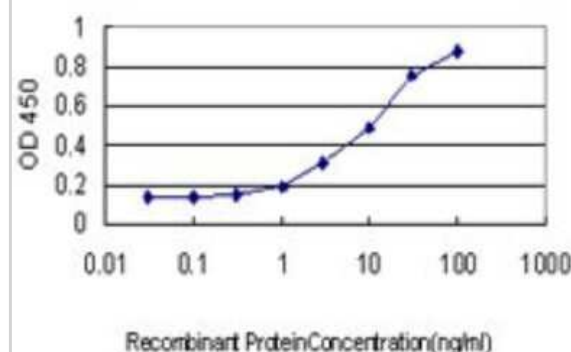
Western Blot: USF2 Antibody (5E9) [H00007392-M01] - USF2 monoclonal antibody (M01), clone 5E9. Analysis of USF2 expression in Hela S3 NE.



Western Blot: USF2 Antibody (5E9) [H00007392-M01] - Analysis of USF2 expression in transfected 293T cell line by USF2 monoclonal antibody (M01), clone 5E9. Lane 1: USF2 transfected lysate(37 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: USF2 Antibody (5E9) [H00007392-M01] - Detection limit for recombinant GST tagged USF2 is approximately 0.3ng/ml as a capture antibody.



Publications

Beaver LM, Buchanan A, Sokolowski EI et al. Transcriptome analysis reveals a dynamic and differential transcriptional response to sulforaphane in normal and prostate cancer cells and suggests a role for Sp1 in chemoprevention. Mol Nutr Food Res 2014-07-14 [PMID: 25044704] (WB, Human)

Details:

USF2 antibody (clone 5E9) used for WB on nuclear lysates of PC-3 and LNCaP treated or not with Sulforaphane (SFN - an isothiocyanate produced by enzyme myrosinase's interaction with precursor glucoraphanin found in cruciferous vegetables like broccoli). USF2 used for normalizing the protein loading vs densitometry of nuclear Sp1 and Sp3 proteins (Figure 5B).



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Products Related to H00007392-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007392-Q01-10ug	Recombinant Human USF2 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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