

# Product Datasheet

## ER alpha/NR3A1 Antibody (C-542) - BSA Free NBP1-19318

Unit Size: 0.05 mg

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

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**NBP1-19318**

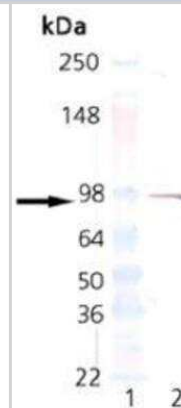
ER alpha/NR3A1 Antibody (C-542) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C-542
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS and 50% Glycerol
<b>Target Molecular Weight</b>	66 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	2099
<b>Gene Symbol</b>	ESR1
<b>Species</b>	Human, Mouse, Rat, Hamster
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	Estrogen Receptor alpha (C-542)
<b>Immunogen</b>	Synthetic peptide corresponding to the sequence near the C-terminus of human Estrogen Receptor alpha.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	Detects a band of 66.3 kDa by Western blot. Recommended dilutions are for colorimetric detection.



## Images

Western Blot: ER alpha/NR3A1 Antibody (C-542) [NBP1-19318] - Analysis of Estrogen Receptor alpha mAb: Lane 1: MWM, Lane 2: Estrogen Receptor 1 (GST-tagged ER1 protein control runs at 92 kDa).



## Publications

R Tamosiunie, O Manouvakho, P Mesange, T Saito, J Qian, M Sanyal, YC Lin, LP Nguyen, A Luria, AB Tu, JM Sante, M Rabinovitch, DJ Fitzgerald, BB Graham, A Habtezion, NF Voelkel, L Aurelian, MR Nicolls A Dominant Role for Regulatory T Cells in Protecting Females Against Pulmonary Hypertension *Circ. Res.*, 2018-03-15;0(0):. 2018-03-15 [PMID: 29545367]



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### **Products Related to NBP1-19318**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00002099-Q01-10ug	Recombinant Human ER alpha/NR3A1 GST (N-Term) Protein

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### **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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