

# Product Datasheet

## ERR gamma/NR3B3 Antibody

### NBP1-00182

Unit Size: 0.1 mg

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

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**NBP1-00182**

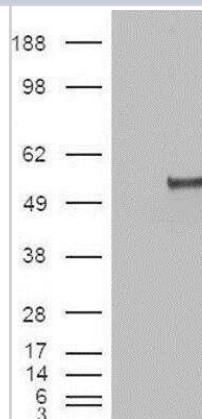
ERR gamma/NR3B3 Antibody

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	2104
Gene Symbol	ESRRG
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise the reported isoform NP_001429.2.
Immunogen	Peptide with sequence CRMSNKDRHIDS corresponding to internal region according to NP_001429.2, NP_996317.1, NP_996318.1.
Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.2 - 0.6 ug/ml, Peptide ELISA Detection limit 1:16000
Application Notes	WB: Approx. 50 kDa band observed in human brain (cerebellum) and breast lysates (calculated MW of 51.3 kDa band according to NP_NP_001429.2). In transfected HEK293 transiently expressing ESRRG a band of approx. 52 kDa is observed. This band is not observed in the non-transfected HEK293.

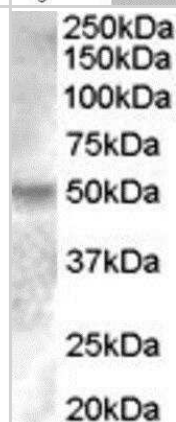


## Images

Western Blot: ERR gamma/NR3B3 Antibody [NBP1-00182] - HEK293 overexpressing ESRRG and probed with (mock transfection in first lane).



Western Blot: ERR gamma/NR3B3 Antibody [NBP1-00182] - (0.2ug/ml) staining of Human Breast lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Dufour CR, Wilson BJ, Huss JM et al. Genome-wide orchestration of cardiac functions by the orphan nuclear receptors ERRalpha and gamma. Cell Metab 2007-05-01 [PMID: 17488637]



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### **Products Related to NBP1-00182**

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NBL1-10347	ERR gamma/NR3B3 Overexpression 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

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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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