

Product Datasheet

ERR alpha/NR3B1 Antibody

NBP2-16380

Unit Size: 0.1 ml

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

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NBP2-16380

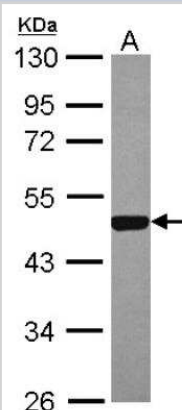
ERR alpha/NR3B1 Antibody

Product Information	
Unit Size	0.1 ml
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	Polyclonal
Preservative	0.01% Thimerosal
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	0.1M Tris (pH 7), 0.1M Glycine, 20% Glycerol
Target Molecular Weight	46 kDa
Product Description	
Host	Rabbit
Gene ID	2101
Gene Symbol	ESRRA
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the center region of human ERR alpha/NR3B1. The exact sequence is proprietary.
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:500-1:3000, Immunohistochemistry, Immunoprecipitation 1:100-1:500, Immunohistochemistry-Paraffin Assay dependent, Chromatin Immunoprecipitation (ChIP) Assay dependent

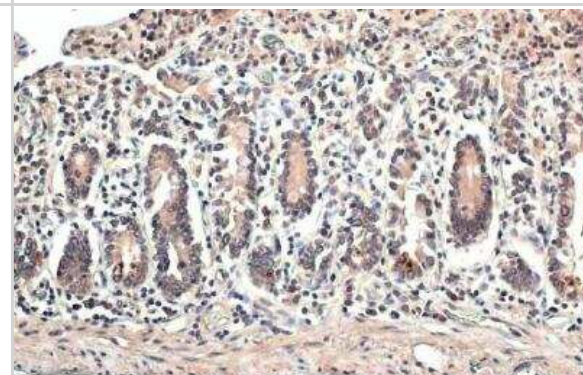


Images

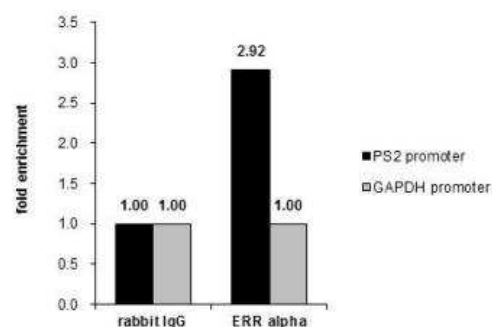
Western Blot: ERR alpha/NR3B1 Antibody [NBP2-16380] - Sample (30 ug of whole cell lysate) A: 293T 10% SDS PAGE gel, diluted at 1:2000.



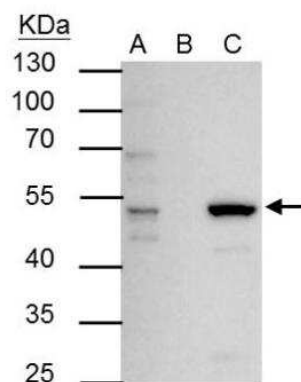
Immunohistochemistry-Paraffin: ERR alpha/NR3B1 Antibody [NBP2-16380] - Human intestine. ERR alpha stained by ERR alpha antibody [N1C3] diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Chromatin Immunoprecipitation: ERR alpha/NR3B1 Antibody [NBP2-16380] - Cross-linked ChIP was performed with MCF-7 chromatin extract and 5 ug of either control rabbit IgG or anti-ERR alpha antibody. The precipitated DNA was detected by PCR with primer set targeting to PS2 promoter or GAPDH promoter.



Immunoprecipitation: ERR alpha/NR3B1 Antibody [NBP2-16380] - IP Sample: 293T whole cell lysate/extract A : 30 ug whole cell lysate/extract of ERR alpha protein expressing 293T cells B : Control with 2.5 ug of pre-immune rabbit IgG C : Immunoprecipitation of ERR alpha by 2.5 ug of ERR alpha antibody 10% SDS-PAGE The immunoprecipitated ERR alpha protein was detected by ERR alpha antibody diluted at 1 : 1000. EasyBlot anti-rabbit IgG (HRP) was used as a secondary eagent.



Publications

Bucher M, Montaniel KRC, Myatt L et al. Dyslipidemia, insulin resistance, and impairment of placental metabolism in the offspring of obese mothers Journal of Developmental Origins of Health and Disease 2021-10-01 [PMID: 33185172] (Western Blot)



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Products Related to NBP2-16380

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-47254PEP	ERR alpha/NR3B1 Antibody Blocking Peptide

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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