

# Product Datasheet

## RAR alpha/NR1B1 Antibody

### NB300-969

Unit Size: 0.1 mg

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

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**NB300-969****RAR alpha/NR1B1 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	
Description	Novus Biologicals Goat RAR alpha/NR1B1 Antibody (NB300-969) is a polyclonal antibody validated for use in WB and ELISA. Anti-RAR alpha/NR1B1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	5914
Gene Symbol	RARA
Species	Human
Specificity/Sensitivity	This antibody is expected to recognize all three reported isoforms (NP_000955.1; NP_001019980.1; NP_001138774.1 ). Please note the epitope is from the mouse/rat sequence. Human sequence is SPSLSPSSNRSSPATHSP and thus highly similar. Reported variants NP_000955.1 and NP_001138773.1 represent identical proteins.
Immunogen	Peptide with sequence C-SPSLSPSSHRSSPATQSP corresponding to C-Terminus according to NP_000955.1, NP_001138773.1, NP_001019980.1, NP_001138774.1.

Product Application Details	
Applications	Western Blot, Peptide ELISA
Recommended Dilutions	Western Blot 0.5 - 2 ug/ml, Peptide ELISA detection limit 1:8000
Application Notes	WB: Approx 55kDa band observed in Human Breast and Breast cancer lysates (calculated MW of 50.8kDa according to NP_000955.1 and NP_001019980.1).

**Images**

Western Blot: RAR alpha/NR1B1 Antibody [NB300-969] - Staining of Human Breast (A) and Breast cancer (B) lysate (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



## Publications

Farias EF, Ong DE, Ghyselinck NB et al. Cellular retinol-binding protein I, a regulator of breast epithelial retinoic acid receptor activity, cell differentiation, and tumorigenicity. *J Natl Cancer Inst* 2005-01-05 [PMID: 15632377]





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### Products Related to NB300-969

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NBL1-15155	RAR alpha/NR1B1 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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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