

Datasheet for ABIN2854866
anti-NR4A1 antibody (C-Term)

3 Images

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Overview

Quantity:	100 µL
Target:	NR4A1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the C-terminus region of human NUR77. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to NUR77 (nuclear receptor subfamily 4, group A, member 1) NUR77 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NR4A1
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Target Details

Alternative Name:	nuclear receptor subfamily 4 group A member 1 (NR4A1 Products)
Background:	<p>This gene encodes a member of the steroid-thyroid hormone-retinoid receptor superfamily. Expression is induced by phytohemagglutinin in human lymphocytes and by serum stimulation of arrested fibroblasts. The encoded protein acts as a nuclear transcription factor.</p> <p>Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified.</p> <p>Cellular Localization: Nucleus</p>
Molecular Weight:	64 kDa
Gene ID:	3164
UniProt:	P22736
Pathways:	Fc-epsilon Receptor Signaling Pathway , Nuclear Receptor Transcription Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Steroid Hormone Mediated Signaling Pathway

Application Details

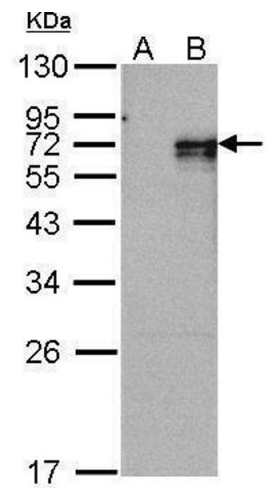
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	<p>Positive Control: Mouse liver , NR4A1 transfected 293T cell , HepG2 (treatment 1% Hypoxia for 24 hr)</p> <p>Validation: Orthogonal</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.29 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

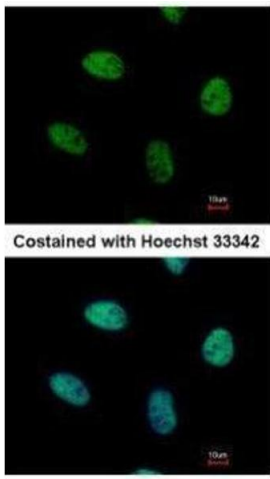
Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Validation report #104342 for Multiplex Immunohistochemistry (mIHC)



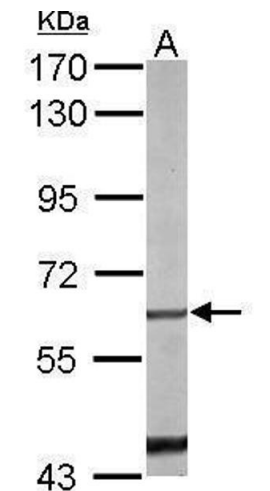
Western Blotting

Image 1. WB Image Western Blot analysis of NR4A1 expression in transfected 293T cell line by NR4A1 polyclonal antibody. A: Non-transfected lysate. B: NR4A1 transfected lysate. 12% SDS PAGE antibody diluted at 1:500



Immunofluorescence

Image 2. ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using NUR77, antibody at 1:500 dilution.



Western Blotting

Image 3. WB Image Sample (50 ug of whole cell lysate) A: mouse liver 7.5% SDS PAGE antibody diluted at 1:1000