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Nr2c1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11142

Specification

Nr2c1 antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	Q8VIJ4
Other Accession	NM_011629, NP_035759
Reactivity	**Human, Mouse, Rat, Horse, Yeast, Bovine, Dog**
Predicted	**Human, Mouse, Horse, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**65kDa KDa**

Nr2c1 antibody - N-terminal region - Additional Information

Gene ID 252924

Alias Symbol	**4831444H07Rik, 80.3, Eenr, TR2, Tr2-11**

Other Names
Nuclear receptor subfamily 2 group C member 1, Orphan nuclear receptor TR2, Testicular receptor 2, Nr2c1, Tr2

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-Nr2c1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
Nr2c1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Nr2c1 antibody - N-terminal region - Protein Information

Name Nr2c1

Synonyms Tr2

Function
Orphan nuclear receptor. Binds the IR7 element in the promoter of its own gene in an autoregulatory negative feedback mechanism. Primarily repressor of a broad range of genes including ESR1 and RARB. Together with NR2C2, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat

consensus sequences. Also activator of OCT4 gene expression. Plays a fundamental role in early embryogenesis and regulates embryonic stem cell proliferation and differentiation. Mediator of retinoic acid-regulated preadipocyte proliferation (By similarity).

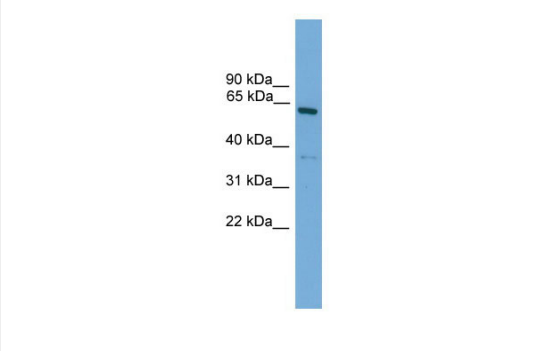
Cellular Location
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407}. Nucleus, PML body. Note=Recruited by HDAC3, after all- trans retinoic acid stimulated MAPK1-mediated Thr-210 phosphorylation, to PML bodies for subsequent sumoylation.

Nr2c1 antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Nr2c1 antibody - N-terminal region - Images



WB Suggested Anti-Nr2c1 Antibody Titration: 0.2-1 µg/ml
ELISA Titer: 1:62500
Positive Control: Mouse Lung