

RecomAb™

NR4A1 recombinant monoclonal antibody, clone R02-1C7

Catalog # RAB02043 Size 100 uL

Applications



Western Blot

Western blot analysis of rat brain lysates with NR4A1 recombinant monoclonal antibody, clone R02-1C7 (Cat # RAB02043).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human NR4A1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human NR4A1.
Theoretical MW (kDa)	Calculated MW: 64 kD
Reactivity	Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction

Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of rat brain lysates with NR4A1 recombinant monoclonal antibody, clone R02-1C7 (Cat # RAB02043).

Gene Info — NR4A1

Entrez GeneID[3164](#)**Protein Accession#**[P22736](#)**Gene Name**

NR4A1

Gene Alias

GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3

Gene Description

nuclear receptor subfamily 4, group A, member 1

Omim ID[139139](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. Translocation of the protein from the nucleus to mitochondria induces apoptosis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

TR3 orphan receptor|early response protein NAK1|growth factor-inducible nuclear protein N10|hormone receptor|orphan nuclear receptor HMR|steroid receptor TR3

Pathway

- [MAPK signaling pathway](#)

Disease

- [Diabetes Mellitus](#)
- [Dyskinesia](#)
- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Narcolepsy](#)
- [Schizophrenia](#)