

Datasheet for ABIN2779759
anti-NR4A1 antibody (C-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	NR4A1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR4A1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human NR4A1
Sequence:	RGRLPSKPKQ PPDASPANLL TSLVRAHLDS GPSTAKLDYS KFQELVLPHF
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
Characteristics:	This is a rabbit polyclonal antibody against NR4A1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	NR4A1
Alternative Name:	NR4A1 (NR4A1 Products)

Target Details

Background:	NR4A1 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. Alias Symbols: GFRP1, HMR, MGC9485, N10, NAK-1, NGFIB, NP10, NUR77, TR3 Protein Interaction Partner: KRTAP10-5, KRTAP10-1, LONRF1, PGBD1, BCL2L10, CDKN2D, BCL2A1, BCL2, TUBB4A, VASP, ANKIB1, CUTA, NFKB1, SMAD3, LSS, HADHA, GLUD1, GK, CPT1A, SERPING1, ABCC6, ABCC13, SOCS4, ABCG8, DIABLO, HCVgp1, ABCA5, CHEK2, SUGT1, PRDX4, PRDX6, CHD1L, ABCB11, ARHGEF5, U Protein Size: 598
Molecular Weight:	64 kDa
Gene ID:	3164
NCBI Accession:	NM_002135 , NP_002126
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:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 598 AA
Restrictions:	For Research Use only

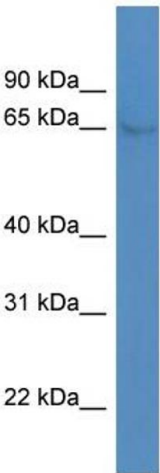
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-NR4A1 Antibody Titration: 1.0 ug/ml Positive Control: HepG2 Whole Cell