

Datasheet for ABIN2854676
anti-NR2F6 antibody (C-Term)



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3 Images

Overview

Quantity:	100 µL
Target:	NR2F6
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR2F6 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Chromatin Immunoprecipitation (ChIP)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human NR2F6. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to NR2F6 (nuclear receptor subfamily 2, group F, member 6) NR2F6 antibody
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	NR2F6
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Target Details

Alternative Name:	nuclear receptor subfamily 2 group F member 6 (NR2F6 Products)
Background:	<p>Transcription factor predominantly involved in transcriptional repression. Binds to promoter/enhancer response elements that contain the imperfect 5'-AGGTCA-3' direct or inverted repeats with various spacings which are also recognized by other nuclear hormone receptors. Involved in modulation of hormonal responses. Represses transcriptional activity of the lutropin-choriogonadotropic hormone receptor/LHCGR gene, the renin/REN gene and the oxytocin-neurophysin/OXT gene. Represses the triiodothyronine-dependent and -independent transcriptional activity of the thyroid hormone receptor gene in a cell type-specific manner. The corepressing function towards thyroid hormone receptor beta/THRB involves at least in part the inhibition of THRB binding to triiodothyronine response elements (TREs) by NR2F6. Inhibits NFATC transcription factor DNA binding and subsequently its transcriptional activity. Acts as transcriptional repressor of IL-17 expression in Th-17 differentiated CD4(+) T cells and may be involved in induction and/or maintenance of peripheral immunological tolerance and autoimmunity. Involved in development of forebrain circadian clock, is required early in the development of the locus coeruleus (LC).</p>

Cellular Localization: Nucleus

Molecular Weight:	43 kDa
Gene ID:	2063
UniProt:	P10588
Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway , Photoperiodism

Application Details

Application Notes: WB: 1:500-1:3000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Restrictions: For Research Use only

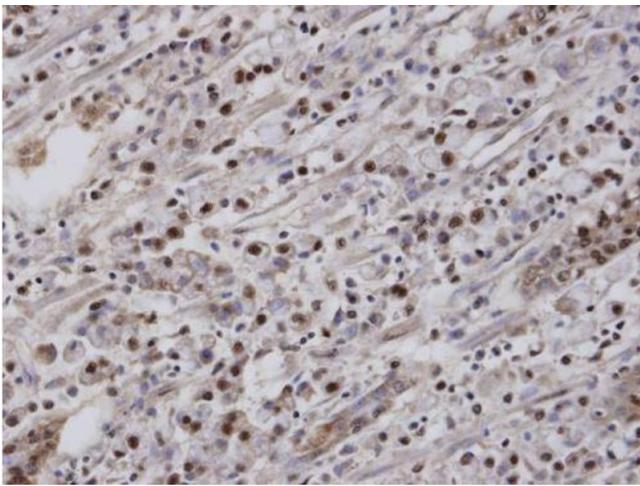
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Handling

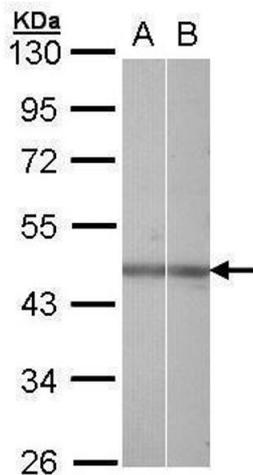
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. 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)



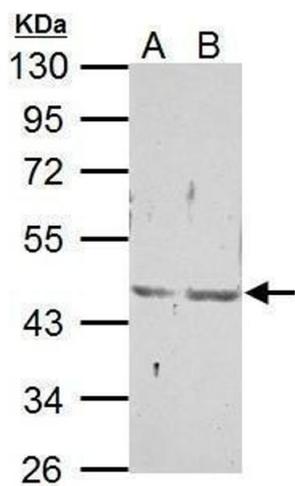
Immunohistochemistry

Image 1. IHC-P Image Immunohistochemical analysis of paraffin-embedded human gastric cancer, using EAR2 , antibody at 1:100 dilution.



Western Blotting

Image 2. WB Image Sample (30 ug of whole cell lysate) A: HeLa B: Raji 10% SDS PAGE antibody diluted at 1:1000



Western Blotting

Image 3. WB Image Sample (30 ug of whole cell lysate) A:
NIH-3T3 B: JC 10% SDS PAGE antibody diluted at 1:500