

Rabbit NR2F6 Polyclonal Antibody | anti-NR2F6 antibody

NR2F6 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323795	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

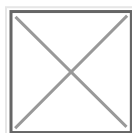
PRODUCT SYNONYMS

NR2F6; Polyclonal Antibody; NR2F6 Antibody; EAR 2; EAR-2; EAR2; ERBA RELATED 2; ERBA related gene 2; ERBAL2; Nr2f6; NR2F6_HUMAN; Nuclear receptor subfamily 2 group F member 6; Orphan nuclear receptor EAR2 (V erbA related protein EAR 2); v erb a avian erythroblastic leukemia viral oncogene homolog like; V erbA related protein EAR 2; V-erbA-related protein 2; anti-NR2F6 antibody

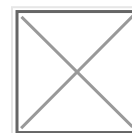
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NR2F6 antibody detects endogenous levels of total NR2F6
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	404
Applicable Applications for anti-NR2F6 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Nucleus.
Tissue Specificity	Expressed in heart, placenta, liver, skeletal muscle, kidney and pancreas.
Predicted Cross Reactivity	Pig, Bovine, Sheep, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Sheep (91%), Dog (100%), Chicken (82%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES


WB (Western Blot)

Western blot analysis of extracts from HeLa cells, using NR2F6 antibody.


WB (Western Blot)

Western blot analysis of extracts from rat spleen, using NR2F6 antibody.



IF (Immunofluorescence)

AAA323795 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



IHC (Immunohistochemistry)

AAA323795 at 1/100 staining Mouse pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-NR2F6 antibody

Function: 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). Subunit Structure: Binds DNA as dimer; homodimer and heterodimer with NR2F2 and probably NR2F1 (By similarity). Interacts with THRB. Similarity: Belongs to the nuclear hormone receptor family. NR2 subfamily.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20070199
NCBI GeneID	2063
NCBI Accession #	NP_005225.2
NCBI GenBank Nucleotide #	NM_005234.3
UniProt Accession #	P10588; Q5XGA0; Q6P586; Q9BUE8; B2RC68
Molecular Weight	Observed: 42 kD Predicted: 43 kDa
NCBI Official Full Name	nuclear receptor subfamily 2 group F member 6
NCBI Official Synonym Full Names	nuclear receptor subfamily 2 group F member 6
NCBI Official Symbol	NR2F6
NCBI Official Synonym Symbols	EAR2; EAR-2; ERBAL2
NCBI Protein Information	nuclear receptor subfamily 2 group F member 6
UniProt Protein Name	Nuclear receptor subfamily 2 group F member 6
UniProt Gene Name	NR2F6
UniProt Synonym Gene Names	EAR2; ERBAL2; EAR-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nr2f6-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/323795>