

Anti-NR2E1 Antibody

CATALOG NO:	A1654-100 100 µl
ALTERNATIVE NAMES:	hTll; nr2e1; NR2E1_HUMAN; Nuclear receptor subfamily 2 group E member 1; Nuclear receptor TLX; Orphan nuclear receptor NR2E1; Protein tailless homolog; Tailless homolog; Tll; TLX; XTLL
CONCENTRATION:	1 mg/ml
IMMUNOGEN:	A synthesized peptide derived from human NR2E1
HOST/ISOTYPE:	Rabbit IgG
CLONALITY:	Polyclonal
MOL WEIGHT:	43 kDa
SPECIES REACTIVITY:	Human, Mouse, Rat
PURIFICATION:	Affinity purification
FORM:	Liquid
FORMULATION:	Supplied in phosphate buffered saline, pH 7.4, 150 mM NaCl, 0.02% sodium azide and 50% glycerol
STORAGE CONDITIONS:	For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
DESCRIPTION:	Orphan receptor that binds DNA as a monomer to hormone response elements (HRE) containing an extended core motif half-site sequence 5'-AAGGTCA-3' in which the 5' flanking nucleotides participate in determining receptor specificity (By similarity). May be required to pattern anterior brain differentiation. Involved in the regulation of retinal development and essential for vision. During retinogenesis, regulates PTEN-Cyclin D expression via binding to the promoter region of PTEN and suppressing its activity (By similarity). May be involved in retinoic acid receptor (RAR) regulation in retinal cells.
APPLICATION:	WB 1:1000-3000 IHC 1:200, ELISA (peptide) 1:20000-1:40000

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.

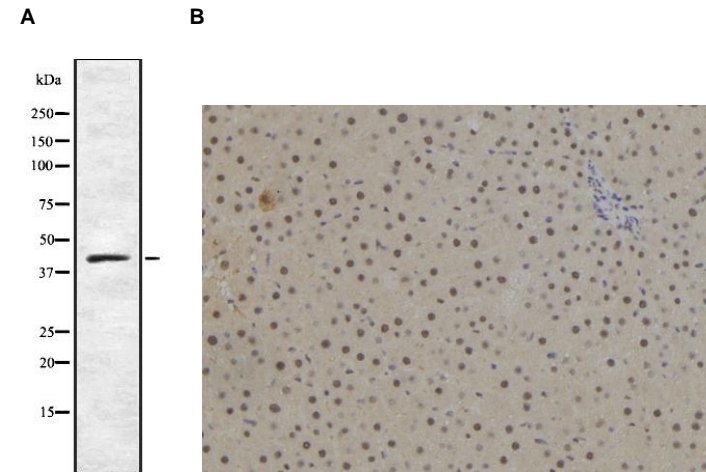


Fig. A. Western blot analysis NR2E1 using HeLa whole cell lysates

Fig. B. IHC staining of rat liver tissue using NR2E1 antibody

RELATED PRODUCTS:

- Anti-NOTCH 2 Antibody (Cat. No. A1652)
- Anti-NOTCH 3 Antibody (Cat. No. A1653)
- Anti-Nucleostemin Antibody (Cat. No. A1655)
- Anti-OLIG2 Antibody (Cat. No. A1656)
- Anti-PAX3 Antibody (Cat. No. A1657)
- Anti-PLAGL1 Antibody (Cat. No. A1658)
- Anti-S100B Antibody (Cat. No. A1659)
- Anti-SLUG Antibody (Cat. No. A1660)

FOR RESEARCH USE ONLY! Not to be used on humans.