

NR2E1 Antibody

Rabbit mAb Catalog # AP92414

Product Information

Application WB Primary Accession Q9Y466

Reactivity Rat, Human, Mouse

Clonality Monoclonal

Other Names hTll; nr2e1; Tll; TLX; XTLL;

IsotypeRabbit IgGHostRabbitCalculated MW42589

Additional Information

Dilution WB 1:500~1:2000

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human NR2E1

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.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

Protein Information

Name NR2E1

Synonyms TLX

Function 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

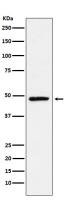
differentiation. Involved in the regulation of retinal development and essential for vision. During retinogenesis, regulates PTEN-Cyclin D expression via binding to the promoter region of PTEN and suppressing its activity (By similarity). May be involved in retinoic acid receptor (RAR) regulation in retinal

cells.

Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407}.

Tissue Location Brain specific. Present in all brain sections tested, highest levels in the

Images



Western blot analysis of NR2E1 / Tailless expression in SH-SY5Y cell lysate.

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