

**NR2E1 / TLX Antibody (N-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10552****Specification**

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**NR2E1 / TLX Antibody (N-Terminus) - Product Information**

Application	IHC-P
Primary Accession	<a href="#">Q9Y466</a>
Reactivity	Human, Rabbit, Monkey, Pig, Horse, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa
Dilution	IHC-P~~N/A

**NR2E1 / TLX Antibody (N-Terminus) - Additional Information****Gene ID** 7101**Other Names**

Nuclear receptor subfamily 2 group E member 1, Nuclear receptor TLX, Protein tailless homolog, TII, hTII, NR2E1, TLX

**Target/Specificity**

Human NR2E1. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

NR2E1 / TLX Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**NR2E1 / TLX Antibody (N-Terminus) - 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}.

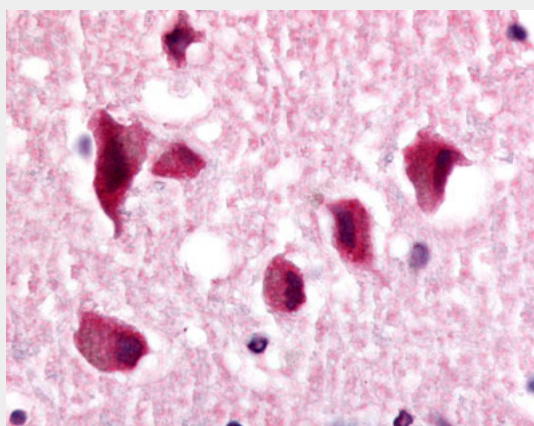
**Tissue Location**

Brain specific. Present in all brain sections tested, highest levels in the caudate nucleus and hippocampus, weakest levels in the thalamus.

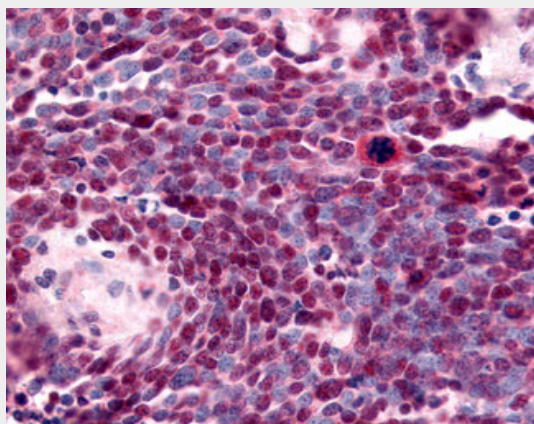
**NR2E1 / TLX Antibody (N-Terminus) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**NR2E1 / TLX Antibody (N-Terminus) - Images**

Anti-NR2E1 antibody ALS10552 IHC of human brain, neurons and glia.



Anti-NR2E1 / TLX antibody IHC of human Lung, Small Cell Carcinoma.

**NR2E1 / TLX Antibody (N-Terminus) - Background**

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#### **NR2E1 / TLX Antibody (N-Terminus) - References**

Jackson A.,et al.Genomics 50:34-43(1998).  
Kobayashi M.,et al.Mol. Cell. Biol. 20:8731-8739(2000).  
Hua F.,et al.Submitted (AUG-2001) to the EMBL/GenBank/DDBJ databases.  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Mungall A.J.,et al.Nature 425:805-811(2003).