

**Anti-NR2E1 Rabbit Monoclonal Antibody**  
**Catalog # ABO15833****Specification**

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**Anti-NR2E1 Rabbit Monoclonal Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q9Y466</a>
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-NR2E1 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

**Anti-NR2E1 Rabbit Monoclonal Antibody - 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

**Calculated MW**

48 kDa KDa

**Application Details**

WB 1:500-1:2000

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human NR2E1

**Purification**

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-NR2E1 Rabbit Monoclonal Antibody - 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

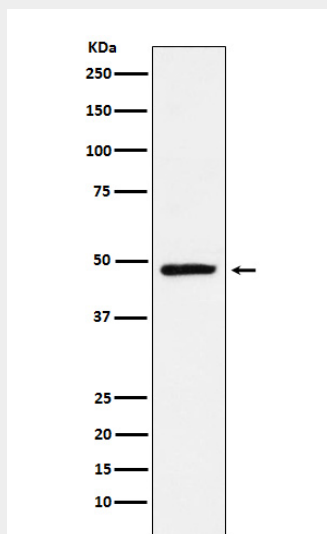
Brain specific. Present in all brain sections tested, highest levels in the caudate nucleus and hippocampus, weakest levels in the thalamus.

## Anti-NR2E1 Rabbit Monoclonal Antibody - 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](#)

## Anti-NR2E1 Rabbit Monoclonal Antibody - Images



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