10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NR2E1 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10043

Specification

NR2E1 antibody - N-terminal region - Product Information

Application	**WB, IHC**
Primary Accession	Q9Y466
Other Accession	Q9Y466, NP_003260, NM_003269
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Guinea Pig, Horse, Bovine**
Predicted	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Chicken, Dog, Horse, Bovine**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**42 kDa KDa**

NR2E1 antibody - N-terminal region - Additional Information

Gene ID 7101

Alias Symbol	**TLL, TLX, XTLL**

Other Names
Nuclear receptor subfamily 2 group E member 1, Nuclear receptor TLX, Protein tailless homolog, Tll, hTll, NR2E1, TLX

Target/Specificity
The NR2E1 gene is a member of the steroid nuclear receptor superfamily and is predominately expressed in the brain. The contributions of this gene to human B-cell leukemia and to brain development are unknown at present.

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 50 ul of distilled water. Final anti-NR2E1 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles.

Precautions
NR2E1 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NR2E1 antibody - N-terminal region - 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}.

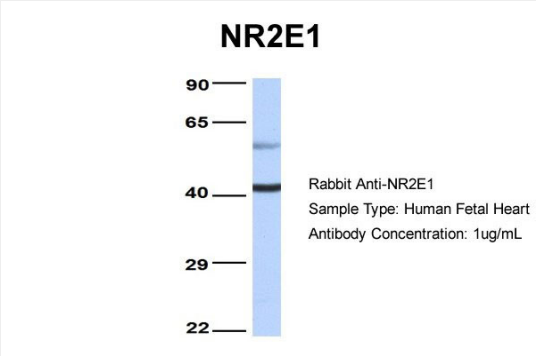
Tissue Location
Brain specific. Present in all brain sections tested, highest levels in the caudate nucleus and hippocampus, weakest levels in the thalamus.

NR2E1 antibody - N-terminal region - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NR2E1 antibody - N-terminal region - Images



NR2E1 antibody - N-terminal region (AI10043) in Hum. Fetal Heart cells using Western Blot
Host: Rabbit
Target Name: NR2E1
Sample Tissue: Human Fetal Heart
Antibody Dilution: 1.0µg/ml

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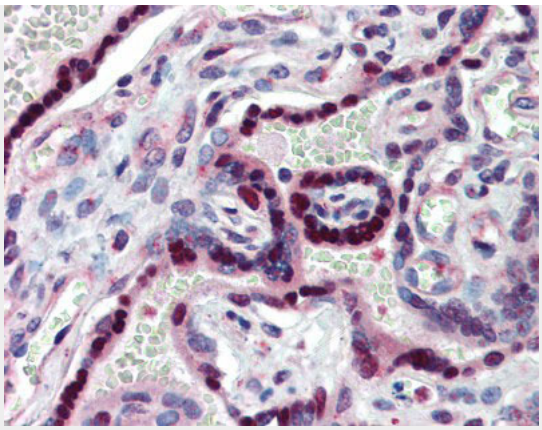
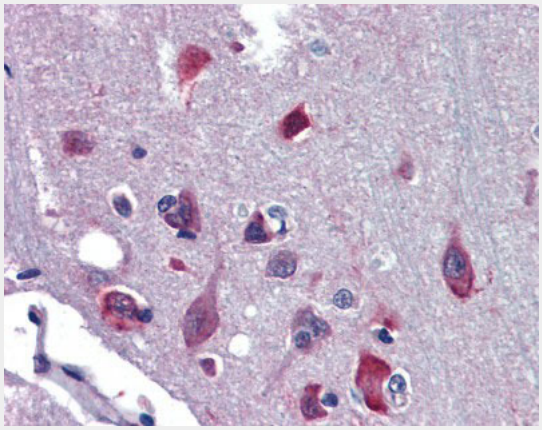
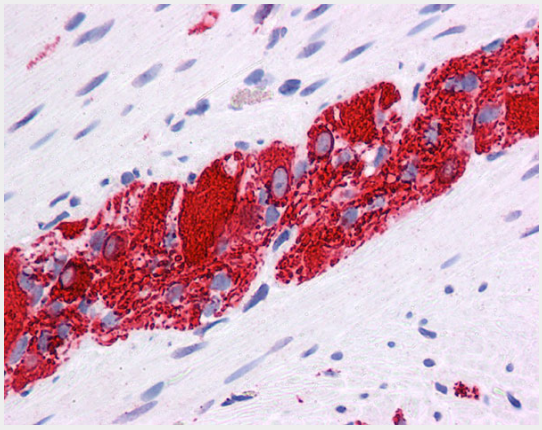


NR2E1 antibody - N-terminal region (AI10043) in Human Brain cells using Immunohistochemistry Human Brain



NR2E1 antibody - N-terminal region (AI10043) in Human PlacentaÃ‚Â cells using Immunohistochemistry Human PlacentaÂ



NR2E1 antibody - N-terminal region (AI10043) in Human ProstateÃ‚Â cells using Immunohistochemistry Human ProstateÂ

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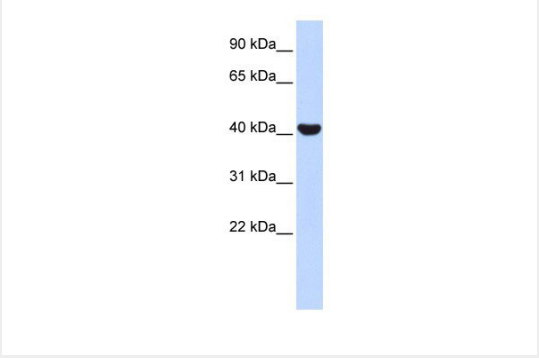

NR2E1 antibody - N-terminal region (AI10043) in Human Fetal Muscle cells using Western Blot
WB Suggested Anti-NR2E1 Antibody Titration: 1 µg/ml
Positive Control: Fetal Muscle cell lysate

NR2E1 antibody - N-terminal region - Background

This is a rabbit polyclonal antibody against NR2E1. It was validated on Western Blot using a cell lysate as a positive control. Abgent strives to provide antibodies covering each member of a whole protein family of your interest. We also use our best efforts to provide you antibodies recognize various epitopes of a target protein. For availability of antibody needed for your experiment, please inquire (sales@abgent.com).