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NR2E1 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10043

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	42589

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.

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.

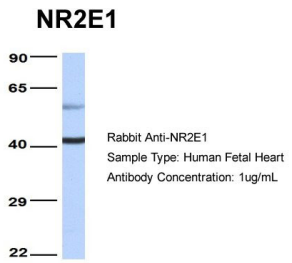
Cellular Location Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407}.

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

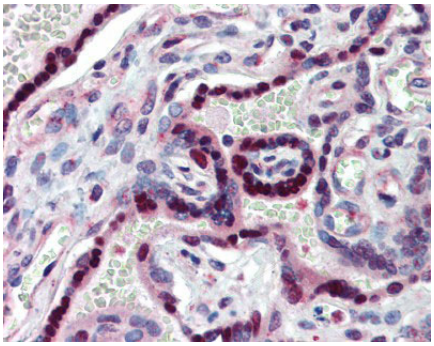
Background

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).

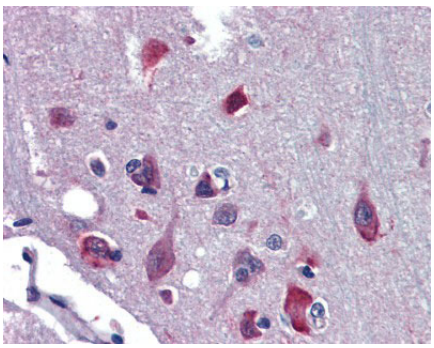
Images



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: 1.0 µg/ml

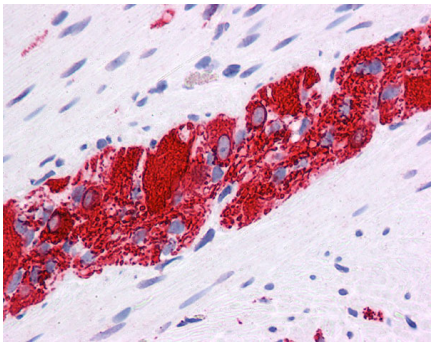


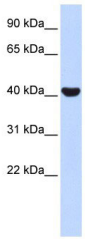
NR2E1 antibody - N-terminal region (AI10043) in Human Brain cells using Immunohistochemistry
Human Brain



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

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





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