

Datasheet for ABIN7161905
anti-NR2E1 antibody (AA 106-385)

3 Images

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Overview

Quantity:	100 µL
Target:	NR2E1
Binding Specificity:	AA 106-385
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NR2E1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Nuclear receptor subfamily 2 group E member 1 protein (106-385AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	Antigen Affinity Purified

Target Details

Target:	NR2E1
Alternative Name:	NR2E1 (NR2E1 Products)
Background:	Background: 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

Target Details

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.

Aliases: hTII antibody, NR2E1 / Tailless antibody, nr2e1 antibody, NR2E1_HUMAN antibody, Nuclear receptor subfamily 2 group E member 1 antibody, Nuclear receptor TLX antibody, Orphan nuclear receptor NR2E1 antibody, Protein tailless homolog antibody, Tailless homolog antibody, TII antibody, TLX antibody, XTLL antibody

UniProt: [Q9Y466](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Stem Cell Maintenance](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

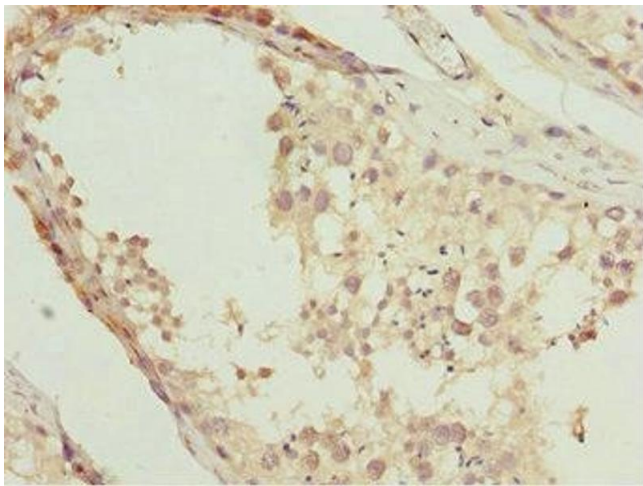
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



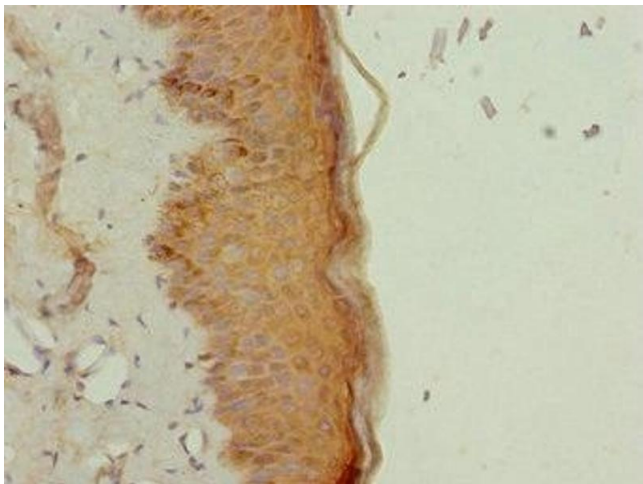
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7161905 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: NR2E1 antibody at 3.2 µg/mL + Mouse brain tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 43, 47 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human skin tissue using ABIN7161905 at dilution of 1:100