

NR2E3 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11487**Specification**

NR2E3 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	O9Y5X4
Other Accession	NM_014249 , NP_055064
Reactivity	Human, Mouse, Rat, Pig, Bovine
Predicted	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	45kDa KDa

NR2E3 antibody - N-terminal region - Additional Information**Gene ID** 10002**Alias Symbol** PNR, RNR, rd7, ESCS, RP37**Other Names**

Photoreceptor-specific nuclear receptor, Nuclear receptor subfamily 2 group E member 3, Retina-specific nuclear receptor, NR2E3, PNR, RNR

Format

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

Reconstitution & Storage

Add 100 ul of distilled water. Final anti-NR2E3 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

NR2E3 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

NR2E3 antibody - N-terminal region - Protein Information**Name** NR2E3**Synonyms** PNR, RNR**Function**

Orphan nuclear receptor of retinal photoreceptor cells. Transcriptional factor that is an activator of rod development and repressor of cone development. Binds the promoter region of a number of rod- and cone-specific genes, including rhodopsin, M- and S-opsin and rod-specific phosphodiesterase beta subunit. Enhances rhodopsin expression. Represses M- and S-cone opsin expression.

Cellular Location

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00407, ECO:0000269|PubMed:15689355}

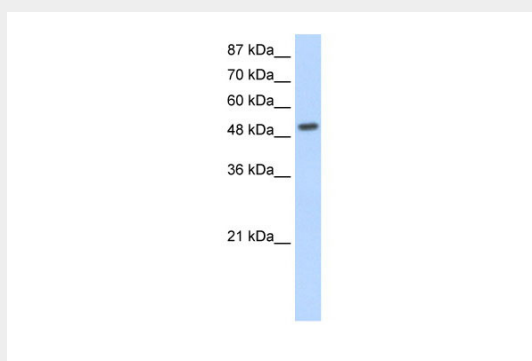
Tissue Location

Eye specific; found solely in the outer nuclear layer of the adult neurosensory retina, where the nuclei of cone and rod photoreceptors reside.

NR2E3 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 Cytometry](#)
- [Cell Culture](#)

NR2E3 antibody - N-terminal region - Images

WB Suggested Anti-NR2E3 Antibody Titration: 1.25µg/ml
Positive Control: HepG2 cell lysate

NR2E3 antibody - N-terminal region - References

Hayashi, T., Ophthalmology 112 (12), 2115 (2005) Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.