

NR2E3 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI11487

Product Information

Application	WB
Primary Accession	Q9Y5X4
Other Accession	NM_014249 , NP_055064
Reactivity	Human, Mouse, Rat, Pig, Bovine
Predicted	Human, Mouse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	44692

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.

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,

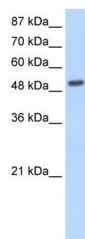
Tissue Location

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

References

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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.