Nur für Forschungszwecke

NR2E3 Polyklonaler Antikörper

Katalog-Nr.:14246-1-AP Vorgestelltes Produkt 4 Publikationen

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
14246-1-AP

Größe:
150ul , Konzentration: 450 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG5503

GenBank-Zugangsnummer:
BC041421

GeneID (NCBI):
10002

Vollständiger Name:
nuclear receptor subfamily 2, group E, member 3

Berechneté Masse:
45 kDa

Beobachteté Masse:
43-45 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:2000-1:12000
IHC 1:20-1:200
IF 1:20-1:100

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
IHC, WB

Getestete Reaktivität:
Hausschwein, Human, Maus, Ratte

Zitierte Arten:
Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Maus-Retina-Gewebe, HepG2-Zellen, Ratten-Retina-Gewebe, Y79-Zellen

IHC : humanes Prostatakarzinomgewebe,

IF : Photorezeptor-Vorläuferzellen,

Hintergrundinformationen

NR2E3, also known as PNR, encodes a retinal nuclear receptor that is a ligand-dependent transcription factor. This protein is part of a large family of nuclear receptor transcription factors involved in signaling pathways. NR2E3 influences the development of photoreceptors and their differentiation into rod and cone types, and acts as a ranscriptional factor that is an activator of rod development and repressor of cone development [PMID:20725840]. It 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. [PMID:15689355]

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Tilak Khanal	28878246	Sci Rep	WB
Cho Kyoung-In KI	23818861	PLoS Genet	IHC
Kyoung-In Cho	24403063	J Biol Chem	WB

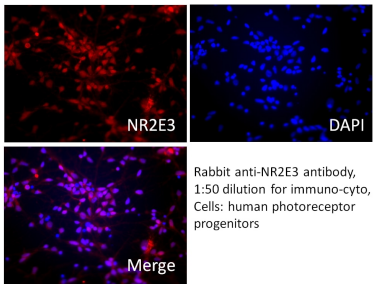
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

*** 20ul-Größen enthalten 0.1% BSA

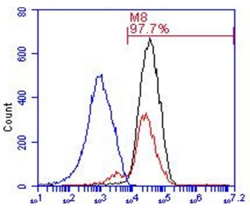
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Ausgewählte Validierungsdaten



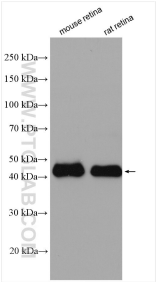
Rabbit anti-NR2E3 antibody, 1:50 dilution for immuno-cyto, Cells: human photoreceptor progenitors

IF result of NR2E3 antibody (14246-1-AP, 1:50) with human photoreceptor progenitors cells.

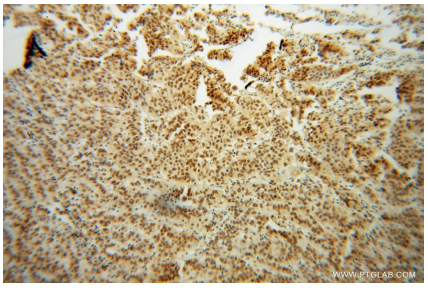


Rabbit anti-NR2E3 antibody, 1:100 dilution for FACS, Cells: human photoreceptor progenitors, Blue, isotype control; Black=passage 2; Red=passage 4.

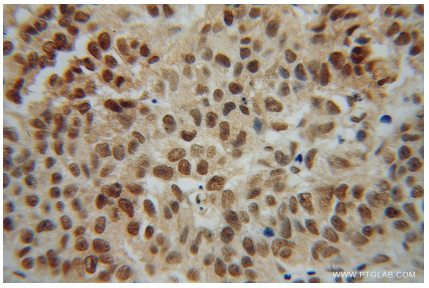
FC result of NR2E3 antibody (14246-1-AP, 1:100) with human photoreceptor progenitors cells. Blue, isotype control; Black=passage 2; Red=passage 4.



Various lysates were subjected to SDS PAGE followed by western blot with 14246-1-AP (NR2E3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 14246-1-AP (NR2E3 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 14246-1-AP (NR2E3 antibody) at dilution of 1:100 (under 40x lens).