À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-NR2E3

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

Numéro de catalogue:14246-1-AP Phare 5 Publications

Informations de base

Numéro de catalogue:
14246-1-AP

Taille:
150ul , Concentration: 450 μg/ml by Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5503

Numéro d'acquisition GenBank:
BC041421

Identification du gène (NCBI):
10002

Nom complet:
nuclear receptor subfamily 2, group E, member 3

MW calculé
45 kDa

MW observés:
43-45 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:2000-1:12000
IHC 1:20-1:200
IF 1:20-1:100

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Demandes citées:
IHC, WB

Spécificité de l'espèce:
Humain, porc, rat, souris

Espèces citées:
Humain, poisson-zèbre, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu rétinien de souris, cellules HepG2, cellules Y79, tissu rétinien de rat

IHC : tissu de cancer de la prostate humain,

IF : cellules progénitrices photoréceptrices,

Informations générales

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]

Publications notables

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

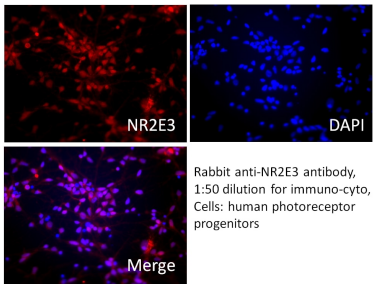
Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

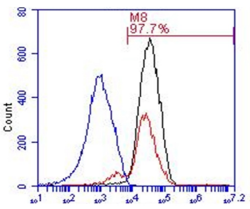
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Données de validation sélectionnées



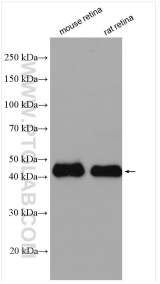
Rabbit anti-NR2E3 antibody, 1:50 dilution for immuno-cyto, Cells: human photoreceptor progenitors

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

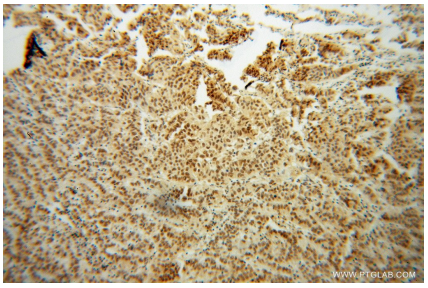


Rabbit anti-NR2E3 antibody, 1:100 dilution for FACS, Cells: human photoreceptor progenitors, Blue, isotype control; Black=passage 2; Red=passage 4.

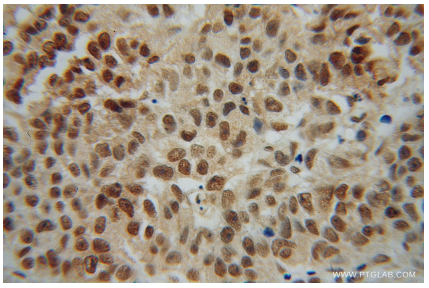
FC result of NR2E3 antibody (14246-1-AP, 1:100) with human photoreceptor progenitors cells. Blue, isotype control; Black=passage 2; Red=passage 4.



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).