

For Research Use Only

HRP-conjugated NR2E3 Monoclonal antibody



Catalog Number: HRP-66494

Basic Information

Catalog Number:

HRP-66494

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5831

GenBank Accession Number:

BC041421

GeneID (NCBI):

10002

UNIPROT ID:

Q9Y5X4

Full Name:

nuclear receptor subfamily 2, group E, member 3

Calculated MW:

45 kDa

Observed MW:

45-50 kDa

Purification Method:

Protein G purification

CloneNo.:

1G1D9

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB

Species Specificity:

Pig

Positive Controls:

WB : pig retina tissue,

Background Information

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 transcriptional 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]

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

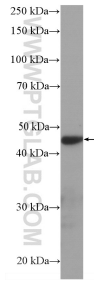
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



pig retina tissue were subjected to SDS PAGE followed by western blot with HRP-66494 (NR2E3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.