

# HRP-conjugated NR2E3 Monoclonal antibody

Catalog Number: HRP-66494

## Basic Information

**Catalog Number:**

HRP-66494

**Size:**

100ul , Concentration: 1000 ug/ml by Nanodrop;

**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

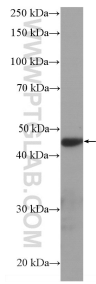
For technical support and original validation data for this product please contact:

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## 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.