NR2E3 Monoclonal antibody, PBS Only

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Catalog Number:66494-1-PBS

Basic Information

Catalog Number:
66494-1-PBS

Size:
1 mg/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

Applications

Tested Applications:
WB,Indirect ELISA

Species Specificity:
Pig, Mouse

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 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]

Storage

Storage:
Store at -80℃.
The product is shipped with ice packs. Upon receipt, store it immediately at -80℃
Storage Buffer:
PBS Only
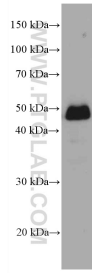
pig retina tissue were subjected to SDS PAGE followed by western blot with 66494-1-Ig (NR2E3 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66494-1-PBS in a different storage buffer formulation.