

For Research Use Only

HRP-conjugated NR2E3 Monoclonal antibody



Catalog Number: HRP-66494

Basic Information

Catalog Number: HRP-66494	GenBank Accession Number: BC041421	Purification Method: Protein G purification
Size: 100UL, Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10002	CloneNo.: 1G1D9
Source: Mouse	Full Name: nuclear receptor subfamily 2, group E, member 3	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG1	Calculated MW: 45 kDa	
Immunogen Catalog Number: AG5831	Observed MW: 45-50 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB: pig retina tissue,
Species Specificity: Pig	

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]

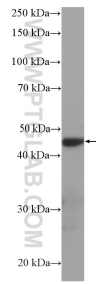
Storage

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.