

For Research Use Only

NR2E3 Monoclonal antibody, PBS Only



Catalog Number: 66494-1-PBS

Basic Information

Catalog Number: 66494-1-PBS	GenBank Accession Number: BC041421	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10002	CloneNo.: 1G1D9
Source: Mouse	UNIPROT ID: Q9Y5X4	
Isotype: IgG1	Full Name: nuclear receptor subfamily 2, group E, member 3	
Immunogen Catalog Number: AG5831	Calculated MW: 45 kDa	
	Observed MW: 45-50 kDa	

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 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

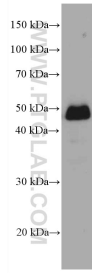
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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
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Selected Validation Data



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.