

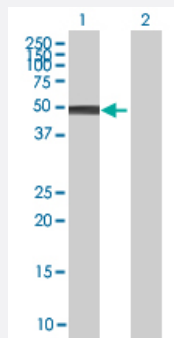
MaxPab®

NR2E3 MaxPab mouse polyclonal antibody (B01)

Catalog # H00010002-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NR2E3 expression in transfected 293T cell line ([H00010002-T01](#)) by NR2E3 MaxPab polyclonal antibody.

Lane 1: NR2E3 transfected lysate(45.1 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NR2E3 protein.
Immunogen	NR2E3 (NP_055064.1, 1 a.a. ~ 410 a.a) full-length human protein.
Sequence	METRPTALMSSTVAAAAPAAGAASRKESPGRWGLGEDPTGVSPSLQCRVCGDSSSGKHYGIYA CNGCSGFFKRSVRRRLIYRCQVGAGMCPVDKAHRNQCQACRLKKCLQAGMNQDAVQNERQPR STAQVHLDSESNTERPESLVAPPAPAGRSPRGPTPMSAARALGHHFMAASLITAETCAKLEPE DADENIDVTSNDPEFPSSPYSSSSPCGLDSIHETSARLLFMAVKWAKNLPVFSSLPFRDQVILE EAWSELFLLGAIQWSLPLDSCPLLAPPEASAAGGAQGRLTLASMETRVLQETISRFRALAVDPTE FACMKALVLFKPETRGLKDPEHVEALQDQSQVMSQHSKAHHPSQPVRFGKLLLLLPSLRFITAE RIELLFFRKTIGNTPMKLLCDMFKN
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Note For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of NR2E3 expression in transfected 293T cell line ([H00010002-T01](#)) by NR2E3 MaxPab polyclonal antibody.

Lane 1: NR2E3 transfected lysate(45.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

Gene Info — NR2E3

Entrez GeneID [10002](#)

GeneBank Accession# [NM_014249.2](#)

Protein Accession# [NP_055064.1](#)

Gene Name NR2E3

Gene Alias ESCS, MGC49976, PNR, RNR, RP37, rd7

Gene Description nuclear receptor subfamily 2, group E, member 3

Omim ID [268100 604485 611131](#)

Gene Ontology [Hyperlink](#)

Gene Summary This protein is part of a large family of nuclear receptor transcription factors involved in signaling pathways. Nuclear receptors have been shown to regulate pathways involved in embryonic development, as well as in maintenance of proper cell function in adults. Members of this family are characterized by discrete domains that function in DNA and ligand binding. This gene encodes a retinal nuclear receptor that is a ligand-dependent transcription factor. Defects in this gene are a cause of enhanced S cone syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations photoreceptor-specific nuclear receptor|retina-specific nuclear receptor

Publication Reference

- [In pursuit of synthetic modulators for the orphan retina-specific nuclear receptor NR2E3.](#)

Qin Q, Knapinska A, Dobri N, Madoux F, Chase P, Hodder P, Petrukhin K.

Journal of Ocular Pharmacology and Therapeutics 2013 Apr; 29(3):298.

Application: Func, WB-Tr, Insect, Mouse, CHO, Sf9 cells

Disease

- [Retinal Diseases](#)
- [Retinitis Pigmentosa](#)