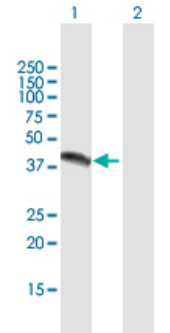
MaxPab®

NR1I3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00009970-B01P Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of NR1I3 expression in transfected 293T cell line (H00009970-T01) by NR1I3 MaxPab polyclonal antibody.

Lane 1: NR1I3 transfected lysate(38.72 KDa).
Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human NR1I3 protein.
Immunogen	NR1I3 (NP_001070948.1, 1 a.a. ~ 352 a.a) full-length human protein.
Sequence	MASREDELRNCVVCGDQATGYHFNALTCEGCKGFFRRTVSKSIGPTCPFAGSCEVSKTQRRHC PACRLQKCLDAGMRKDMILSAEALALRRAKQAQRRAQQTPVQLSKEQEELIRTLLGAHTRHMGT MFEQFVQFRPPAHLFIHHQPLPTLAPVLPLVTHFADINTFMVLQVIKFTKDLPVFRSLPIEDQISLLK GAAVEICHIVLNTTFCLQTQNFLCGPLRYTIEDGARVSPTVGFQVEFLELLFHFHGTLRKLQLQEPE YVLLAAMALFSPDRPGVTQRDEIDQLQEEMALTLQSYIKGQQRRPRDRFLYAKLLGLLAELRSINE AYGYQIQHIQGLSAMMPLLQEICS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (73); Rat (78)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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  Protocol Download

Gene Info — NR1I3

Entrez GeneID	9970
GeneBank Accession#	BC069626.1
Protein Accession#	NP_001070948.1
Gene Name	NR1I3
Gene Alias	CAR, CAR1, MB67, MGC150433, MGC97144, MGC97209
Gene Description	nuclear receptor subfamily 1, group I, member 3
Omim ID	603881
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the nuclear receptor superfamily, and is a key regulator of xenobiotic and endobiotic metabolism. The protein binds to DNA as a monomer or a heterodimer with the retinoid X receptor and regulates the transcription of target genes involved in drug metabolism and bilirubin clearance, such as cytochrome P450 family members. Unlike most nuclear receptors, this transcriptional regulator is constitutively active in the absence of ligand but is regulated by both agonists and inverse agonists. Ligand binding results in translocation of this protein to the nucleus, where it activates or represses target gene transcription. These ligands include bilirubin, a variety of foreign compounds, steroid hormones, and prescription drugs. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000032245|OTTHUMP00000032246|constitutive activator of retinoid response|constitutive active receptor|constitutive androstane receptor|orphan nuclear hormone receptor

Disease

- Breast cancer
- Breast Neoplasms
- Kidney Failure
- Leukopenia
- Neutropenia