

MB67 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP05255
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human NR113. AA range:71-120
Mol wt	39942
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	MB67 Antibody
Synonyms	NR113; CAR; Nuclear receptor subfamily 1 group I member 3; Constitutive activator of retinoid response; Constitutive active response; Constitutive androstane receptor; CAR; Orphan nuclear receptor MB6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

NR113 (nuclear receptor subfamily 1 group I member 3) 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 NR113.

Recommended Dilution

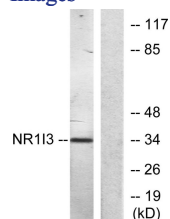
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from Jurkat cells, treated with serum 20% 15', using NR113 Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

