

Datasheet for ABIN5542365
anti-NR1I2 antibody (AA 1-142)

4 Images

[Go to Product page](#)

Overview

| | |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Quantity: | 0.1 mg |
| Target: | NR1I2 |
| Binding Specificity: | AA 1-142 |
| Reactivity: | Human |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Conjugate: | This NR1I2 antibody is un-conjugated |
| Application: | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC) |

Product Details

| | |
|------------|-------------------------------------------------------------------------------|
| Immunogen: | Purified recombinant fragment of human NR1I2 (AA 1-142) expressed in E. Coli. |
| Clone: | 6H11D8 |
| Isotype: | IgG1 |

Target Details

| | |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target: | NR1I2 |
| Alternative Name: | NR1I2 (NR1I2 Products) |
| Background: | This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to |

Target Details

the response element of the CYP3A4 promoter as a heterodimer with the 9-cis retinoic acid receptor RXR. It is activated by a range of compounds that induce CYP3A4, including dexamethasone and rifampicin. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Additional transcript variants exist, however, they have not been fully characterized.,

| | |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 9.8kDa |
| HGNC: | 51529 |
| Pathways: | Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway |

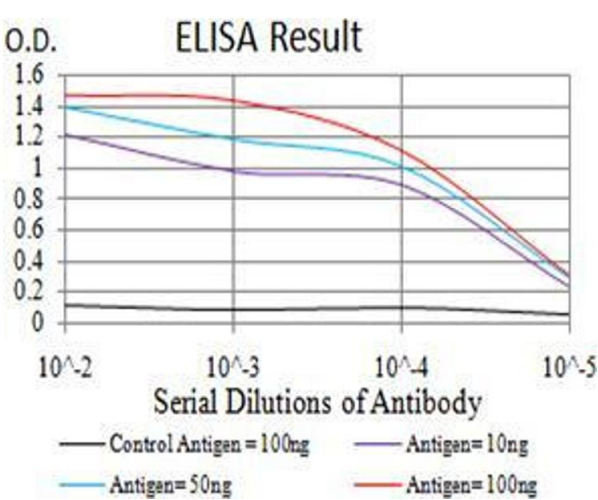
Application Details

| | |
|--------------------|----------------------------------------------------------------------|
| Application Notes: | ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: , FCM: 1:200 - 1:400 |
| Restrictions: | For Research Use only |

Handling

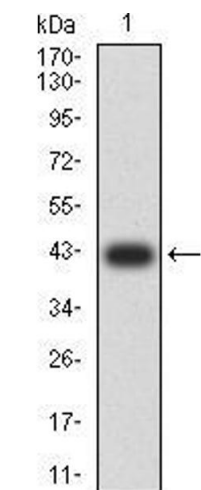
| | |
|------------------|----------------------------------|
| Format: | Liquid |
| Buffer: | PBS with 0.05 % sodium azide |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | 4°C, -20°C for long term storage |

Images



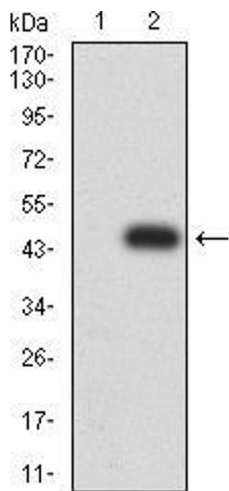
ELISA

Image 1. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using NR1I2 mAb against human NR1I2 (AA: 1-142) recombinant protein. (Expected MW is 42.2 kDa)



Western Blotting

Image 3. Western blot analysis using NR1I2 mAb against HEK293 (1) and NR1I2 (AA: 1-142)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5542365.