

## PRODUCT DATA SHEET

Bioworld Technology,Inc.

# IFI-16 polyclonal antibody

Catalog: BS7139 Host: Rabbit Reactivity: Human

#### **BackGround:**

Interferon-gamma inducible protein 16 (IFI16) belongs to the HIN-200 family of transcriptional regulator linked to cell cycle regulation and differentiation by modulating the activities of multiple transcriptional factors, such as p53 and Rb. The HIN-200 (hematopoeitic interferon-inducible nuclear antigens with 200 amino acid repeat) family members contain a DNA binding domain, a transcriptional regulatory domain, DAPIN/PAAD domain associated with interferon response and a binding domain for BRCA1. IFI16 may have a role in the regulation of hematopoeitic cell differentiation and also be involved in DNA repair since it becomes a component of the DNA repair multi-protein BASC complex after UV-induced DNA damage. IFI16 is strongly induced by gamma interferon in vivo.

#### **Product:**

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

## **Molecular Weight:**

~ 88 kDa

## **Swiss-Prot:**

Q16666

## **Purification&Purity:**

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

#### **Applications:**

WB: 1:500~1:1000

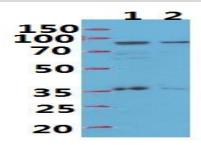
## Storage&Stability:

Store at  $4\,\mathrm{C}$  short term. Aliquot and store at -20  $\mathrm{C}$  long term. Avoid freeze-thaw cycles.

#### **Specificity:**

IFI-16 polyclonal antibody detects endogenous levels of IFI-16 protein.

#### **DATA:**



Western blot (WB) analysis of IFI-16 polyclonal antibody at 1:500 dilu-

Lane1:Hela whole cell lysate(40ug)

Lane2:HepG2 whole cell lysate(40ug)

#### Note:

For research use only, not for use in diagnostic procedure.

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