Datasheet for ABIN3031412

anti-IRF1 antibody (AA 74-102)

2 Images

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Overview

Quantity:	0.4 mL
Target:	IRF1
Binding Specificity:	AA 74-102
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A portion of amino acids 74-102 from the human protein was used as the immunogen for this IRF-1 antibody.
Isotype:	Ig Fraction
Cross-Reactivity (Details):	Expected species reactivity: Mouse, Rat, Bovine, Pig
Purification:	Antigen affinity purified

Target Details

Target:	IRF1
Alternative Name:	IRF-1 (IRF1 Products)
Background:	IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription

Target Details

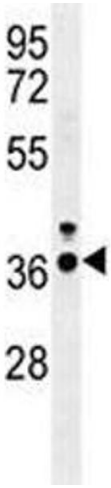
	factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppressoion.
UniProt:	P10914
Pathways:	Interferon-gamma Pathway, Response to Growth Hormone Stimulus, Positive Regulation of Immune Effector Process, Hepatitis C, Autophagy

Application Details

Application Notes:	Titration of the IRF-1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the IRF-1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



Western Blotting

Image 1. IRF-1 antibody western blot analysis in MDA-MB231 lysate.

Western Blotting

Image 2. IRF-1 antibody western blot analysis in MDA-MB231 lysate.