

Datasheet for ABIN2666278

anti-IRF3 antibody[Go to Product page](#)**2** Images

Overview

Quantity:	100 µg
Target:	IRF3
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF3 antibody is un-conjugated
Application:	Biochemical Assay (BCA)

Product Details

Clone:	12A4A35
Isotype:	IgG2b kappa
Purification:	Affinity purified

Target Details

Target:	IRF3
Alternative Name:	IRF3 (IRF3 Products)
Background:	IRF-3 is a member of the interferon regulatory transcription factor (IRF) family. It mediates interferon-stimulated response element (ISRE) promoter activation and functions as a molecular switch for antiviral activity. DsRNA generated during the course of a viral infection leads to IRF-3 phosphorylation on the C-terminal serine/threonine cluster. This induces a conformational change, leading to its dimerization, nuclear localization and association with

Target Details

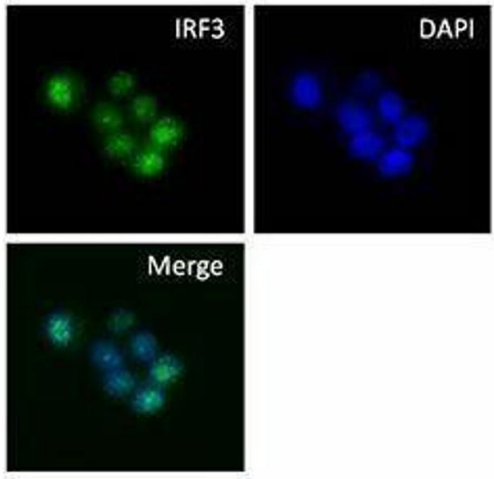
CREB protein binding to dsRNA-activated factor 1, a complex which activates the transcription of genes under control of ISRE. The phosphorylated IRF-3 is under negative regulation by ubiquitin-mediated degradation. Research indicates that it plays a critical role in stimulated TLR-mediated IL-27 p28 gene expression.

Pathways: [TLR Signaling](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

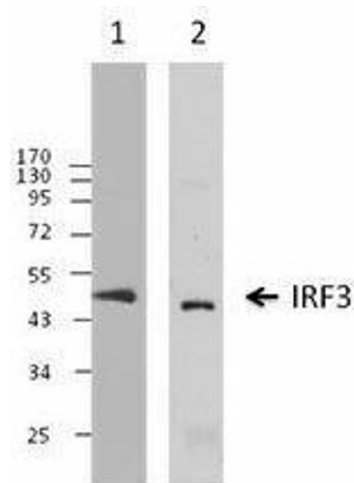
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Concentration:	0.5 mg/mL
Buffer:	phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Upon receipt, store undiluted between 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.