

Datasheet for ABIN2779404
anti-IRF3 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	IRF3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Sheep, Guinea Pig, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human IRF3
Sequence:	SWPQDQPWTK RLVMVKVVPT CLRALVEMAR VGGASSLENT VDLHISNSHP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Rabbit: 93%, Rat: 100%, Sheep: 100%
Characteristics:	This is a rabbit polyclonal antibody against IRF3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IRF3
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Target Details

Alternative Name:	IRF3 (IRF3 Products)
Background:	IRF3 is interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. Protein Interaction Partner: IRF3, UBC, TMEM173, POLR2A, DEAF1, CREBBP, MAFB, vIRF-3, SMAD4, SMAD2, FOXO1, vIRF-1, EP300, SGTA, PEX19, HSP90AA1, PIAS4, TBK1, TOMM70A, TLR2, MAPK9, MAPK8, MAVS, DDX58, TRAF3, ISG15, TRIM21, PIN1, IRF7, HERC5, IKBKE, CUL1, SUMO2, XIAP, HDAC3, SOCS1, RBL Protein Size: 427
Molecular Weight:	47 kDa
Gene ID:	3661
NCBI Accession:	NM_001571 , NP_001562
UniProt:	Q14653
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Toll-Like Receptors Cascades

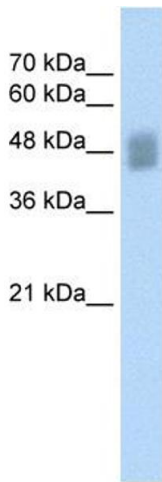
Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 427 AA
Restrictions:	For Research Use only

Handling

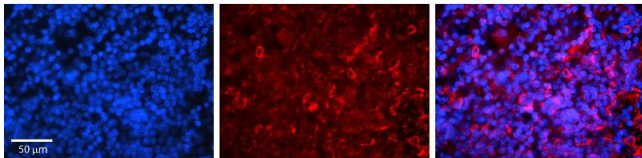
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-IRF3 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-IRF3 Antibody Formalin Fixed Paraffin Embedded Tissue: Human Lymph Node Tissue Observed Staining: Cytoplasm Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec