

Datasheet for ABIN2780409
anti-IRF1 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	IRF1
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Rabbit, Guinea Pig, Sheep, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of IRF1
Sequence:	YLLNEPGVQP TSVYGDFSCCK EEPEIDSPGG DIGLSLQRVF TDLKNMDATW
Predicted Reactivity:	Cow: 86%, Dog: 79%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 79%, Rabbit: 79%, Rat: 86%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against IRF1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IRF1
Alternative Name:	IRF1 (IRF1 Products)

Target Details

Background:	IRF1 is interferon regulatory factor 1, a member of the interferon regulatory transcription 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-suppression. Alias Symbols: IRF-1, MAR Protein Interaction Partner: SUMO2, SUMO3, IRF2, KAT2B, EP300, PRDM1, UBC, BIRC3, MDM2, HIST1H3A, CBL, HSP90AA1, HSPA1A, Tbk1, STUB1, SPI1, QARS, IRF8, CDKN1B, TRIM28, SET, SP2, IRF9, YBX1, NPM1, TRMT2A, HCFC1, SEC63, KEAP1, TRAF3, CREBBP, tat, SMARCA4, STAT1, HMGA1, RELA, NFKB1, KAT Protein Size: 325
Molecular Weight:	36 kDa
Gene ID:	3659
NCBI Accession:	NM_002198 , NP_002189
UniProt:	P10914
Pathways:	Interferon-gamma Pathway , Response to Growth Hormone Stimulus , Positive Regulation of Immune Effector Process , Hepatitis C , Autophagy

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 325 AA
Restrictions:	For Research Use only

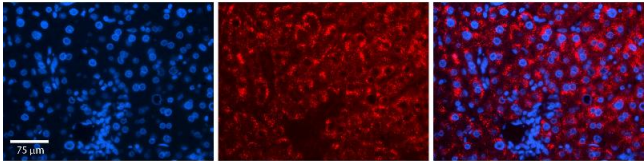
Handling

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

Handling

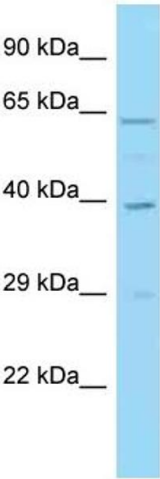
	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Rabbit Anti-IRF1 Antibody Catalog Number: ARP38129_P050 Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: N/A 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



Western Blotting

Image 2. WB Suggested Anti-IRF1 Antibody Titration: 1.0 ug/ml Positive Control: Hela Whole Cell