

Datasheet for ABIN2779861
anti-IRF1 antibody (Middle Region)



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2 Images

Overview

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

Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	DIIPDSTTDL YNLQVSPMPS TSEAATDEDE EGKIAEDLMK LFEQSEWQPT
Predicted Reactivity:	Cow: 85%, Dog: 83%, Guinea Pig: 92%, Horse: 83%, Human: 83%, Mouse: 100%, Rabbit: 85%, Rat: 92%, Sheep: 85%, Yeast: 83%
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

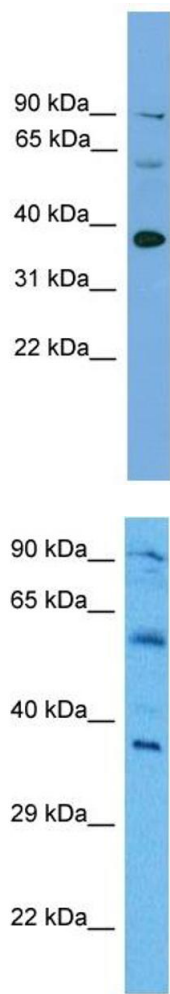
Background:	Irf1 specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and activates those genes. Irf1 acts as a tumor suppressor. Alias Symbols: AU020929, Irf-1 Protein Interaction Partner: Ubc, Sumo1, Ube2i, Pias3, Tbk1, Polr2a, Protein Size: 329
Molecular Weight:	37 kDa
Gene ID:	16362
NCBI Accession:	NM_008390 , NP_032416
UniProt:	P15314
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: 329 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.



Western Blotting

Image 1. WB Suggested Anti-Irf1 Antibody Titration: 0.2-1 ug/ml Positive Control: Mouse Uterus

Western Blotting

Image 2. Host: Mouse Target Name: IRF1 Sample Tissue: Mouse Brain Antibody Dilution: 1ug/ml