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# Datasheet for ABIN2788047 anti-ISG15 antibody (Middle Region)

/ Images



### Overview

Quantity:	100 µL
Target:	ISG15
Binding Specificity:	Middle Region
Reactivity:	Human, Horse, Pig, Rabbit, Sheep, Cow, Dog, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISG15 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human ISG15
Sequence:	EPLSILVRNN KGRSSTYEVR LTQTVAHLKQ QVSGLEGVQD DLFWLTFEGK
Predicted Reactivity:	Cow: 86%, Dog: 86%, Goat: 86%, Horse: 86%, Human: 100%, Pig: 79%, Rabbit: 79%, Sheep: 86%
Characteristics:	This is a rabbit polyclonal antibody against ISG15. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	ISG15
Alternative Name:	ISG15 (ISG15 Products)
Background:	ISG15 is a ubiquitin-like protein that becomes conjugated to many cellular proteins upon

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	activation by interferon-alpha.
	Alias Symbols: G1P2, IFI15, UCRP, IP17, hUCRP
	Protein Interaction Partner: GPI, EPRS, ENO1, EEF2, EEF1A1, ANXA2, ACTB, ACLY, AARS,
	CAND1, USP18, UBA7, UBA1, UBC, TARS, STAT1, PKM, AIFM1, MDH1, LDHA, HSP90AB1,
	HSP90AA1, HSPA8, VCP, PCNA, BAG3, ZNF318, UGP2, UBE2N, DSTN, PRDX6, CTNNB1, CFL1,
	GAPDH, HERC5, PRDX1, IRF3, HSPB1, UBE2E
	Protein Size: 165
Molecular Weight:	17 kDa
Gene ID:	9636
NCBI Accession:	NM_005101, NP_005092
UniProt:	P05161

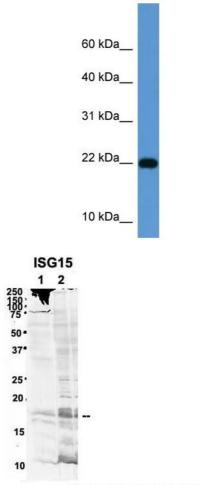
## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 165 AA
Restrictions:	For Research Use only

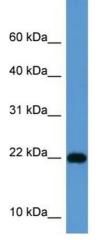
## Handling

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.

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See Immunoblot 2 Data for more information.



Rabbit Anti-ISG15 Antibody Catalog Number: ARP59386 Lot Number: QC31257 Lane: Fetal Kidney Lysate

Antibody Titration: 1.0µg/ml Gel Concentration: 10-20%

#### **Western Blotting**

Image 1. WB Suggested Anti-ISG15 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500

Positive Control: Human kidney

#### Western Blotting

Image 2. Sample Type: 1. Human NT-2 cells (60ug)
2. mouse brain extracts (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience

Secondary Antibody Dilution: 1: 20,000

Image Submitted by: Yuzhi Chen

University of Arkansas for Medical Science

#### **Western Blotting**

**Image 3.** WB Suggested Anti-ISG15 Antibody Titration: 0.2-1 µg/mL ELISA Titer: 1:1562500 Positive Control: Human kidney

Please check the product details page for more images. Overall 7 images are available for ABIN2788047.

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