

Datasheet for ABIN2780566  
**anti-IRF7 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µL
Target:	IRF7
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Pig, Zebrafish (Danio rerio), Horse, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF7 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human IRF7
Sequence:	ISSGCY EGLQ WLDEARTCFR VPWKHFARKD LSEADARIFK AWAVARGRWP
Predicted Reactivity:	Cow: 93%, Horse: 79%, Human: 100%, Mouse: 79%, Pig: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 75%
Characteristics:	This is a rabbit polyclonal antibody against IRF7. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	IRF7
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## Target Details

Alternative Name:	IRF7 ( <a href="#">IRF7 Products</a> )
Background:	<p>IRF7 is interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. IRF7 encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established.</p> <p>Alias Symbols: IRF-7H, IRF7A</p> <p>Protein Interaction Partner: UBC, SUMO2, SUMO3, TRAF6, NMI, DEAF1, MAFB, SMAD4, SMAD3, SMAD2, vIRF-1, Dlg4, PIAS4, INSR, GCLM, ACADS, MAVS, IRF7, IRF3, IRAK1, TBK1, TRIM28, SUMO1, EP300, CREBBP, TNFAIP3, TRIM21, P4HA1, ARAF, Gbp4, HACE1, CCDC47, TRMT61B, PALD1, TRMT2A, LTN1, TLK2, IQ</p> <p>Protein Size: 164</p>
Molecular Weight:	18 kDa
Gene ID:	3665
NCBI Accession:	<a href="#">NM_004031</a> , <a href="#">NP_004022</a>
Pathways:	<a href="#">TLR Signaling</a> , <a href="#">Activation of Innate immune Response</a> , <a href="#">Hepatitis C</a> , <a href="#">Toll-Like Receptors Cascades</a> , <a href="#">Autophagy</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 164 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.

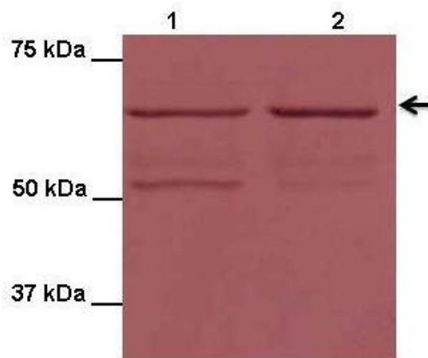
## Handling

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



IRF7



See Immunoblot 2 Data and Customer Feedback for more information

### Western Blotting

**Image 1.** WB Suggested Anti-IRF7 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: Hela cell lysate

### Western Blotting

**Image 2.** Application: Western blottingSpecies+tissue/cell type: HEK293T cellsHow many ug's of tissue/cell lysate run on the gel: 10 ug IRF7 transfected HEK293T lysatePrimary antibody dilution: 1:1000Secondary antibody: Donkey Anti-rabbit APSecondary antibody dilution: 1:2000 IRF7 is supported by BioGPS gene expression data to be expressed in HEK293T