

Datasheet for ABIN2792534
anti-IRF2 antibody (N-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	IRF2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Horse, Cow, Guinea Pig, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human IRF2
Sequence:	APLFRNRAIH TGKHQPGVDK PDPKTKWKFANF RCAMNSLPDI EEVKDKSIKK
Predicted Reactivity:	Cow: 92%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 92%, Rat: 100%, Sheep: 92%, Zebrafish: 90%
Characteristics:	This is a rabbit polyclonal antibody against IRF2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	IRF2
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Target Details

Alternative Name:	IRF2 (IRF2 Products)
Background:	IRF2 encodes interferon regulatory factor 2, a member of the interferon regulatory transcription factor (IRF) family. IRF2 competitively inhibits the IRF1-mediated transcriptional activation of interferons alpha and beta, and presumably other genes that employ IRF1 for transcription activation. However, IRF2 also functions as a transcriptional activator of histone H4. Alias Symbols: IRF-2 Protein Interaction Partner: IRF1, SUMO2, SUMO3, PRDM1, MDM2, FKBP7, HSP90AA1, APP, IRF2BP2, IRF2BP1, UBC, FOXK1, IRF2BPL, HCFC2, ATG7, AP5Z1, PPP3CB, PPP3CA, FOXK2, HCFC1, KAT2B, EP300, IRF8, STAT1, RELA, NFKB1, HMGN1, HMGB1, CSNK2A1, BRD7, PRKACA, KAT2A, Protein Size: 349
Molecular Weight:	39 kDa
Gene ID:	3660
NCBI Accession:	NM_002199 , NP_002190
UniProt:	P14316

Application Details

Application Notes:	WB Suggested Anti-IRF2 Antibody Titration: 0.2-1 µg/mL Positive Control: Jurkat cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 349 AA
Restrictions:	For Research Use only

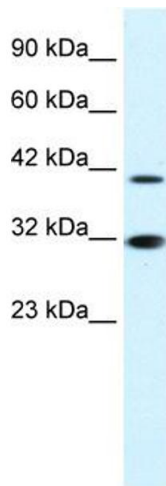
Handling

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

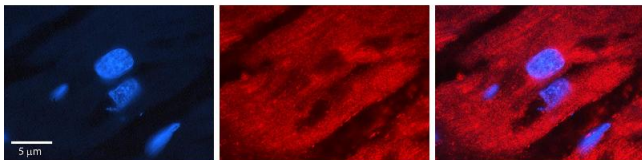
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-IRF2 Antibody Titration: 0.2-1 ug/ml Positive Control: Jurkat cell lysate



Immunohistochemistry

Image 2. Rabbit Anti-IRF2 Antibody Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec