

Datasheet for ABIN2778795 anti-ISG20 antibody (N-Term)



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Overview

Quantity:	100 µL
Target:	ISG20
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Dog, Horse, Pig, Cow, Rabbit, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISG20 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 ISG20
Sequence:	GAVLYDKFIR PEGEITDYRT RVSGVTPQHM VGATPFAVAR LEILQLLK GK
Predicted Reactivity:	Cow: 93%, Dog: 100%, Guinea Pig: 93%, Horse: 79%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against ISG20. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

Target Details

Target:	ISG20
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Target Details

Alternative Name:	ISG20 (ISG20 Products)
Background:	<p>ISG20 belongs to the the exonuclease superfamily. It is exonuclease with specificity for single-stranded RNA and, to a lesser extent for DNA. It degrades RNA at a rate that is approximately 35-fold higher than its rate for single-stranded DNA. It is involved in the antiviral function of IFN against RNA viruses.</p> <p>Alias Symbols: CD25, HEM45</p> <p>Protein Interaction Partner: UBC,</p> <p>Protein Size: 181</p>
Molecular Weight:	20 kDa
Gene ID:	3669
NCBI Accession:	NM_002201 , NP_002192
UniProt:	Q96AZ6

Application Details

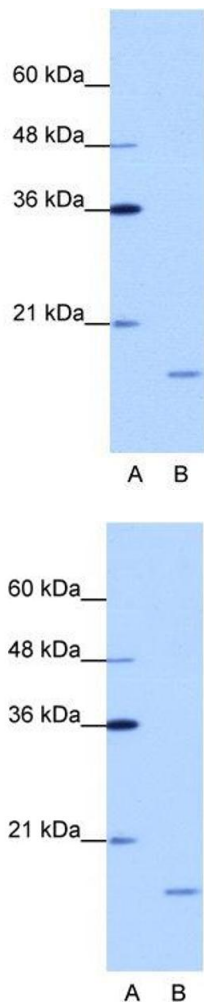
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 181 AA
Restrictions:	For Research Use only

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.

Product cited in: Huang, Chen, Wu, Huang, He, Tang, Wang, Wang: "The zebrafish miR-462/miR-731 cluster is induced under hypoxic stress via hypoxia-inducible factor 1 α and functions in cellular adaptations." in: **FASEB journal : official publication of the Federation of American Societies for Experimental Biology**, Vol. 29, Issue 12, pp. 4901-13, (2015) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-ISG20

Antibody Titration: 1.25 μ g/mL ELISA Titer: 1:1562500

Positive Control: Daudi cell lysate

ISG20 is strongly supported by BioGPS gene expression data to be expressed in Human Daudi cells

Western Blotting

Image 2. WB Suggested Anti-ISG20 Antibody Titration:

1.25 μ g/ml ELISA Titer: 1:1562500 Positive Control: Daudi cell lysate ISG20 is strongly supported by BioGPS gene expression data to be expressed in Human Daudi cells