

Rabbit IREB2 Polyclonal Antibody | anti-IREB2 antibody

IREB2 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198686	Rabbit	Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish	Western Blot

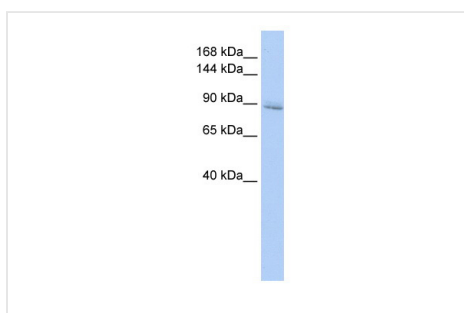
PRODUCT SYNONYMS

IREB2; Polyclonal Antibody; IREB2 antibody - middle region; anti-IREB2 antibody

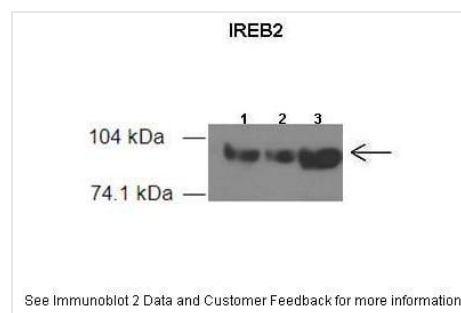
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: IQ INLNSIVPSV SGPKRPQDRV AVTDMKSDFQ ACLNEKVGFK GFQIAAEK
Sequence Length	963
Applicable Applications for anti-IREB2 antibody	WB (Western Blot)
Homology	Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human IREB2
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES

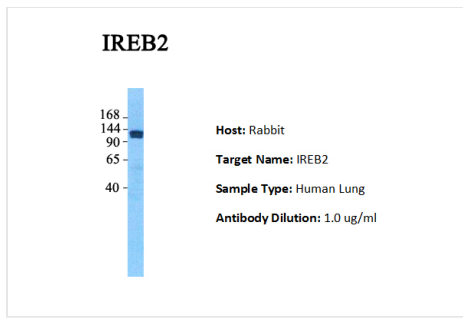


WB (Western Blot)

WB Suggested Anti-IREB2 Antibody Titration: 0.2-1 ug/mL
ELISA Titer: 1:31250
Positive Control: Human Liver


WB (Western Blot)

Researcher: Dr. Hao Zhu, University of Kansas Medical Center
Application: Western blotting
Species+tissue/cell type: Mouse liver extract
How many ug's of tissue/cell lysate run on the gel: 1. 60 ug mouse liver extract 2. 60 ug mouse liver extract 3. 60 ug mouse liver extract
Primary antibody dilution: 1:500
Secondary antibody: Anti-rabbit HRP
Secondary antibody dilution: 1:3000



WB (Western Blot)

Host: Rabbit Target Name: IREB2 Sample Tissue: Human Fetal Lung Antibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-IREB2 antibody	This is a rabbit polyclonal antibody against IREB2. It was validated on Western Blot using a cell lysate as a positive control. Target Description: IREB2 binds to iron-responsive elements (IRES), which are stem-loop structures found in the 5'-UTR of ferritin, and delta aminolevulinic acid synthase mRNAs, and in the 3'-UTR of transferrin receptor mRNA. IREB2 binds to the IRE element in ferritin which results in the repression of its mRNA translation. Binding of the protein to the transferrin receptor mRNA inhibits the degradation of this otherwise rapidly degraded mRNA.
Product Categories/Family for anti-IREB2 antibody	Polyclonal ; RNA Binding Proteins ; Drugs and Drug Metabolism ; DNA/RNA/Protein Interactions

NCBI AND UNIPROT INFORMATION

NCBI GI #	1519312870
NCBI GeneID	3658
NCBI Accession #	NP_004127
NCBI GenBank Nucleotide #	NM_004136
UniProt Accession #	P48200
Molecular Weight	105kDa
NCBI Official Full Name	iron-responsive element-binding protein 2 isoform 1
NCBI Official Synonym Full Names	iron responsive element binding protein 2
NCBI Official Symbol	IREB2
NCBI Official Synonym Symbols	ACO3; IRP2; IRP2AD; IRE-BP2; IRE-BP 2
NCBI Protein Information	iron-responsive element-binding protein 2
UniProt Protein Name	Iron-responsive element-binding protein 2
UniProt Gene Name	IREB2
UniProt Synonym Gene Names	IRE-BP 2; IRP2
UniProt Entry Name	IREB2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ireb2-antibody-western-blot-elisa/198686>