

Rabbit anti-Human, Mouse IREB2 Polyclonal Antibody | anti-IREB2 antibody

IREB2 Antibody

CATALOG # AAA233234	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot, ELISA
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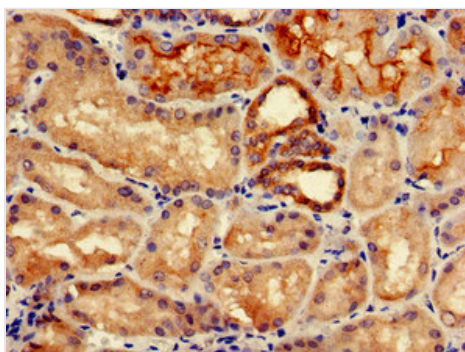
PRODUCT SYNONYMS

IREB2; Polyclonal Antibody; IREB2 Antibody; Iron-responsive element-binding protein 2; IRE-BP 2; Iron regulatory protein 2; IRP2; anti-IREB2 antibody

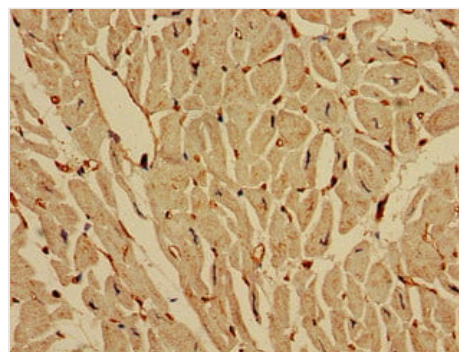
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	713
Applicable Applications for anti-IREB2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Iron-responsive element-binding protein 2 protein (107-216AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

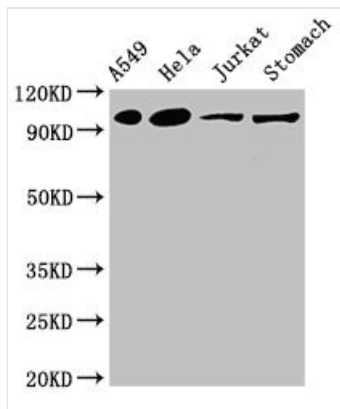
IMAGES


IHC (Immunohistochemisry)

Immunohistochemistry of paraffin-embedded human kidney tissue using AAA233234 at dilution of 1:100


IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human heart tissue using AAA233234 at dilution of 1:100



WB (Western Blot)

Western Blot Positive WB detected in: A549 whole cell lysate, HeLa whole cell lysate, Jurkat whole cell lysate, Mouse stomach tissue. All lanes: IREB2 antibody at 4ug/ml. Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 106,38 KDa. Observed band size: 106 KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-IREB2 antibody	RNA-binding protein that 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. Binding to the IRE element in ferritin 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1004170605
NCBI GeneID	3658
NCBI Accession #	NP_001307870.1
NCBI GenBank Nucleotide #	NM_001320941.1
UniProt Accession #	P48200; Q13095; Q1HE21; Q59FQ7; Q8WVK6; Q9UF17; A8KAC7; E1CJT9; HOYKU0
Molecular Weight	37,487 Da
NCBI Official Full Name	iron-responsive element-binding protein 2 isoform 2
NCBI Official Synonym Full Names	iron responsive element binding protein 2
NCBI Official Symbol	IREB2
NCBI Official Synonym Symbols	ACO3; IRP2; IRP2AD
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

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.