antibodies -online.com







anti-IREB2 antibody (Middle Region)

Images



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Quantity:	100 μL
Target:	IREB2
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Mouse, Pig, Dog, Horse, Guinea Pig, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IREB2 antibody is un-conjugated
Application:	Western Blotting (WB)
Product Details	
Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human IREB2
Sequence:	IQINLNSIVP SVSGPKRPQD RVAVTDMKSD FQACLNEKVG FKGFQIAAEK
Predicted Reactivity:	Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rabbit: 93%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against IREB2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	IREB2

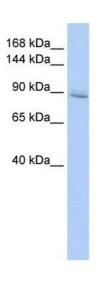
Target Details

rarget Details	
Alternative Name:	IREB2 (IREB2 Products)
Background:	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. Alias Symbols: ACO3, FLJ23381, IRP2, IRP2AD Protein Interaction Partner: RBCK1, UBC, FAM96A, FAM96B, CIAO1, FBXL5, UBA2, TNPO1, CBS TERT, USP53, APP, PSMA3, VHL, YBX1, Protein Size: 963
Molecular Weight:	105 kDa
Gene ID:	3658
NCBI Accession:	NM_004136, NP_004127
UniProt:	P48200
Pathways:	Transition Metal Ion Homeostasis
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 963 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.

Handling

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.

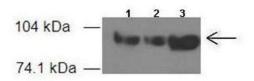
Images



Western Blotting

Image 1. WB Suggested Anti-IREB2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: Human Liver

IREB2

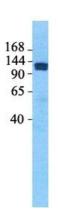


Western Blotting

Image 2.

See Immunoblot 2 Data and Customer Feedback for more information

IREB2



Western Blotting

Image 3. Host: Rabbit Target Name: IREB2 Sample Tissue: Human Fetal Lung Antibody Dilution: 1.0ug/ml