antibodies - online.com







anti-IREB2 antibody (Middle Region)



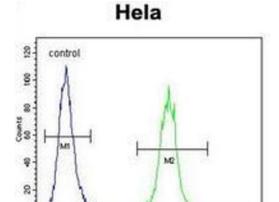


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Quantity:	0.4 mL	
Target:	IREB2	
Binding Specificity:	AA 208-238, Middle Region	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This IREB2 antibody is un-conjugated	
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)	
Product Details		
Immunogen:	KLH conjugated synthetic peptide between 208-238 amino acids from the Central region of human IREB2	
Isotype:	lg Fraction	
Specificity:	This antibody recognizes Human IREB2 (Center).	
Purification:	Protein A column, followed by peptide affinity purification	
Target Details		
Target:	IREB2	
	IREB2 (IREB2 Products)	

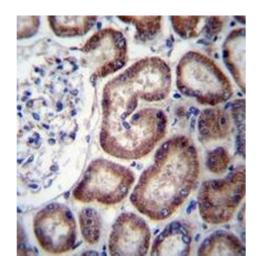
Target Details

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Background:	IREB2 is a 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.Synonyms: IRE-BP2, IRP2, Iron regulatory protein 2, Iron-responsive element-binding protein 2	
Molecular Weight:	105045 Da	
Gene ID:	3658	
NCBI Accession:	NP_004127	
Pathways:	Transition Metal Ion Homeostasis	
Application Details		
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	0.25 mg/mL	
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative	
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 freezing and thawing.	
Storage:	4 °C/-20 °C	
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.	



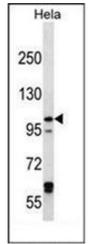
Flow Cytometry

Image 1. Flow cytometric analysis of Hela cells using IREB2 Antibody (Center) Cat.-No AP52232PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue reacted with IREB2 Antibody (Center) followed by peroxidase conjugation of the secondary antibody and DAB staining.



Western Blotting

Image 3. Western blot analysis of IREB2 Antibody (Center) in Hela cell line lysates (35ug/lane). This demonstrates the IREB2 antibody detected the IREB2 protein (arrow).