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Datasheet for ABIN7157049

anti-IREB2 antibody (AA 107-216) (HRP)

Overview

Quantity:	100 µg
Target:	IREB2
Binding Specificity:	AA 107-216
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IREB2 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Iron-responsive element-binding protein 2 protein (107-216AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IREB2
Alternative Name:	IREB2 (IREB2 Products)
Background:	Background: 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

Target Details

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.

Aliases: ACO3 antibody, FLJ23381 antibody, IRE BP2 antibody, IRE-BP 2 antibody, IREB 2 antibody, IREB2 antibody, IREB2_HUMAN antibody, Iron regulatory protein 2 antibody, iron responsive element binding protein 2 antibody, Iron-responsive element-binding protein 2 antibody, IRP 2 antibody, IRP2 antibody, IRP2AD antibody, OTTHUMP00000185022 antibody

UniProt: [P48200](#)

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

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.