

IREB1 Antibody | anti-IREB1 antibody

IREB1 (Phospho-Ser711) Antibody

CATALOG # AAA111643	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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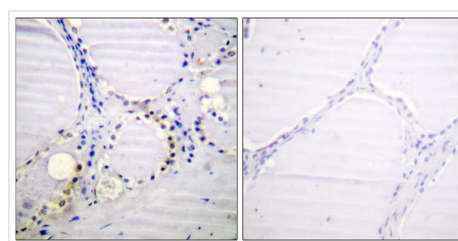
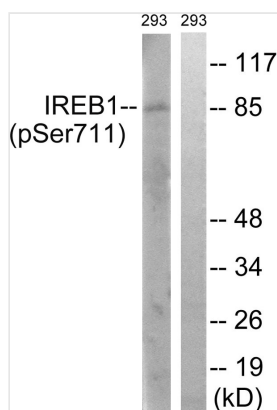
PRODUCT SYNONYMS

IREB1; IREB1 (Phospho-Ser711) Antibody; ACO1; Aconitate hydratase; EC 4.2.1.3; Ferritin repressor protein; IRE-BP 1; IRE1; IREBP1; IRP1; aconitase; citrate hydro-lyase; iron regulatory protein 1; iron-responsive element binding protein 1; anti-IREB1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	IREB1 (Phospho-Ser711) antibody detects endogenous levels of IREB1 only when phosphorylated at serine 711.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	889
Applicable Applications for anti-IREB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human IREB1 around the phosphorylation site of serine 711 (Y-G-SP-R-R).
All Sites	Human: Ser711 Mouse: Ser711 Rat: Ser711
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human thyroid gland tissue using IREB1 (Phospho-Ser711) antibody. Western blot analysis of extracts from 293 cells, treated with insulin (0.01U/ml, 30mins), using IREB1 (Phospho-Ser711) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-IREB1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Hirling H., Nucleic Acids Res. 20:33-39(1992). Rouault T.A., Proc. Natl. Acad. Sci. U.S.A. 87:7958-7962(1990). Hentze M.W., Nucleic Acids Res. 19:1739-1740(1991).

NCBI AND UNIPROT INFORMATION

NCBI GI #	507834063
NCBI GeneID	48
NCBI Accession #	NP_001265281.1
NCBI GenBank Nucleotide #	NM_001278352.1
UniProt Accession #	P21399; Q14652; Q5VZA7; D3DRK7
Molecular Weight	98,399 Da
NCBI Official Full Name	cytoplasmic aconitate hydratase
NCBI Official Synonym Full Names	aconitase 1
NCBI Official Symbol	ACO1
NCBI Official Synonym Symbols	IRP1; ACONS; HEL60; IREB1; IREBP; IREBP1
NCBI Protein Information	cytoplasmic aconitate hydratase
UniProt Protein Name	Cytoplasmic aconitate hydratase
UniProt Gene Name	ACO1
UniProt Synonym Gene Names	IREB1; Aconitase; IRP1; IRE-BP 1

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/human-mouse-rat-antibody/ireb1/111643>