

Rabbit IREB1 Polyclonal Antibody | anti-IREB1 antibody

IREB1 (Phospho-Ser711) Antibody

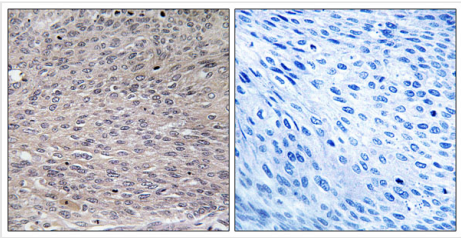
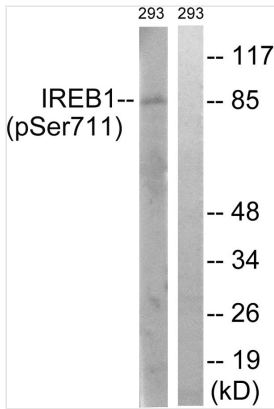
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA316410	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

IREB1; Polyclonal Antibody; IREB1 (Phospho-Ser711) Antibody; ACO1; Aconitate hydratase; 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

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	IREB1 (Phospho-Ser711) Antibody detects endogenous levels of IREB1 only when phosphorylated at Ser711.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	889
Applicable Applications for anti-IREB1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Target Modification	Phospho
Modification Sites	H:S711; M:S711; R:S711
Immunogen	The antiserum was produced against synthesized peptide derived from human IREB1 around the phosphorylation site of Ser711.
Immunogen Range	681-730
Preparation and Storage	Stable at -20 degree C for at least 1 year.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human thyroid gland, using IREB1 (Phospho-Ser711) Antibody. The picture on the right is blocked with the phospho peptide.

WB (Western Blot)
Western blot analysis of lysates from 293 cells treated with insulin 0.01U/ml 30', using IREB1 (Phospho-Ser711) Antibody. The lane on the right is blocked with the phospho peptide.

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 kDa
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.