

Rabbit Aconitase 1 Polyclonal Antibody | anti-ACO1 antibody

Anti-Aconitase 1 (pS138) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA293152	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Aconitase 1; Polyclonal Antibody; Anti-Aconitase 1 (pS138) Antibody; IREB1; Cytoplasmic aconitate hydratase; Aconitase; Citrate hydro-lyase; Ferritin repressor protein; Iron regulatory protein 1; IRP1; Iron-responsive element-binding protein 1; IRE-BP 1; anti-ACO1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Applicable Applications for anti-ACO1 antibody	IHC (Immunohistochemistry), IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



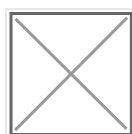
IF (Immunofluorescence)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/100 - 1/500)



IHC (Immunohistochemistry)

Dilution: WB: (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/100 - 1/500) Immunohistochemical analysis of Aconitase 1 (pS138) staining in human ovary formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Dilution: WB (1/500 - 1/1000), IH (1/50 - 1/200), IF/IC (1/100 - 1/500) Western blot analysis of Aconitase 1 (pS138) expression in Hela (A) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ACO1 antibody	Rabbit polyclonal antibody to Aconitase 1 (pS138) KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human Aconitase 1 (pS138). The exact sequence is proprietary.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8659555
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NCBI GeneID	48
NCBI Accession #	NP_002188.1
NCBI GenBank Nucleotide #	NM_002197.2
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, soluble
NCBI Official Symbol	ACO1
NCBI Official Synonym Symbols	IRP1; ACONS; IREB1; IREBP; IREBP1
NCBI Protein Information	cytoplasmic aconitate hydratase; IRE-BP 1; citrate hydro-lyase; iron regulatory protein 1; ferritin repressor protein; aconitate hydratase, cytoplasmic; iron-responsive element binding protein 1; iron-responsive element-binding protein 1
UniProt Protein Name	Cytoplasmic aconitate hydratase
UniProt Gene Name	ACO1
UniProt Synonym Gene Names	IREB1; Aconitase; IRP1; IRE-BP 1
UniProt Entry Name	ACOC_HUMAN

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/polyclonal/aconitase-1-antibody-immunohistochemistry-immunochemistry-immunofluorescence-western-blot-elisa/293152>