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Datasheet for ABIN513067

anti-Aconitase 1 antibody (AA 1-889)

2 Images

Overview

Quantity:	50 µg
Target:	Aconitase 1 (ACO1)
Binding Specificity:	AA 1-889
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This Aconitase 1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse polyclonal antibody raised against a full-length human ACO1 protein.
Immunogen:	ACO1 (NP_002188.1, 1 a.a. ~ 889 a.a) full-length human protein.
Sequence:	MSNPF AHLAE PLDPVQPGKK FFNLNKLEDS RYGRLPFSIR VLLEAAIRNC DEFLVKKQDI ENILHWNVTQ HKNIEVPFKP ARVILQDFTG VPAVVDF AAM RDAVKKLG GD PEKINPVC PA DLVIDHSIQV DFNRRADSLQ KNQDLEFERN RERFEFLK WG SQA FHNMR II PPGSGIIHQV NLEYLARVVF DQDGYYPDS LVGTDSHTTM IDLGLILGWG VGGIEAEAVM LGQPISMVLP QVIGYRLMGK PHPLVTSTDI VLTITKHLRQ VGVVGKFVEF FGP GVAQLSI ADRATIANMC PEYGATAAFF PVDEVSITYL VQTGRDEEKL KYIKKYLQAV GMFRDFNDPS QDPDFTQVVE LDLKTVPCC SGPKRPQDKV AVSDMKKDFE SCLGAKQGFK GFQVAPEHHN DHKTFIYDNT EFTLAHG SVV IAAIT SCTNT SNPSV MLGAG LLA KKAVDAG LNVMPYIKTS LSPGSGWV TY YLQESGVMPY LSQLGFDVVG YGCMT CIGNS GPLPEPVVEA ITQGD LVAVG VLSGNRNFEG RVHPNTRANY LASPPLVIAY AIAGTIRIDF EKEPLGVNAK GQQVFLKDIW PTRDEIQAVE

Product Details

RQYVIPGMFK EVYQKIETVN ESWNALATPS DKLFFWNSKS TYIKSPFFFE NLTLDLQPPK
SIVDAYVLLN LGDSVTTDHI SPAGNIARNS PAARYLTNRG LTPREFNSYG SRRGNDAVMA
RGTFANIRLL NRFLNKQAPQ TIHLPSGEIL DVFDAERYQ QAGLPLIVLA GKEYGAGSSR
DWAAKGPFLL GIKAVLAESY ERIHRNLVG MGVIPLEYLP GENADALGLT GQUERYTIIP
ENLKPQMKVQ VKLDTGKTFQ AVMRFDTDVE LTYFLNGGIL NYMIRKMAK

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

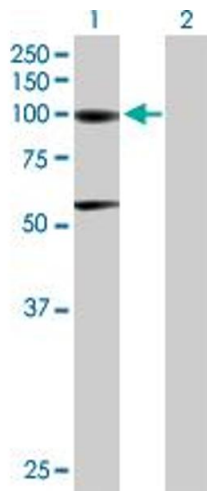
Target:	Aconitase 1 (AC01)
Alternative Name:	AC01 (AC01 Products)
Background:	Full Gene Name: aconitase 1, soluble Synonyms: ACONS,IREB1,IREBP,IREBP1,IRP1
Gene ID:	48
NCBI Accession:	NM_002197
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

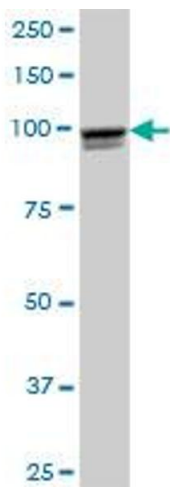


Western Blotting

Image 1. Western Blot analysis of ACO1 expression in transfected 293T cell line by ACO1 MaxPab polyclonal antibody.

Lane 1: ACO1 transfected lysate(97.79 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. ACO1 MaxPab polyclonal antibody. Western Blot analysis of ACO1 expression in human liver.