

Rabbit anti-Human LETM1 Polyclonal Antibody | anti-LETM1 antibody

Rabbit anti-LETM1 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213324	Rabbit	Human	Immunoprecipitation, Western Blot

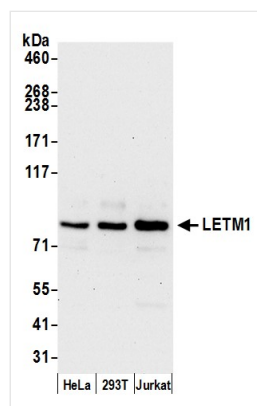
PRODUCT SYNONYMS

LETM1; Polyclonal Antibody; Rabbit anti-LETM1 Antibody; Affinity Purified; leucine zipper-EF-hand containing transmembrane protein 1; mitochondrial proton/calcium exchanger protein; SLC55A1; Leucine zipper-EF-hand-containing transmembrane protein 1; LETM1 and EF-hand domain-containing protein 1; mitochondrial; Mdm38 homolog; leucine zipper and EF-hand containing transmembrane protein 1; anti-LETM1 antibody

PRODUCT SPECIFICATIONS

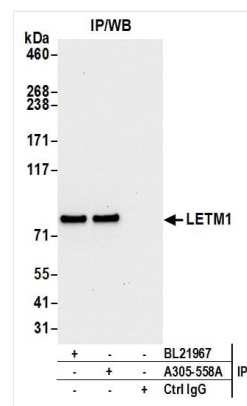
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-LETM1 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 625 and 675
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human LETM1 by western blot. Samples: Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-LETM1 antibody AAA213324 (lot AAA213324-1) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



IP (Immunoprecipitation)

Detection of human LETM1 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from 293T cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-LETM1 antibody AAA213324 (lot AAA213324-1) used for IP at 6 ug per reaction. LETM1 was also immunoprecipitated by rabbit anti-LETM1 antibody BL21967. For blotting immunoprecipitated LETM1, AAA213324 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-LETM1 antibody	LETM1 is localized to the inner mitochondrial membrane. LETM1 functions to maintain the mitochondrial tubular shapes and is required for normal mitochondrial morphology and cellular viability. Mutations in this gene cause Wolf-Hirschhorn syndrome, a complex malformation syndrome caused by the deletion of parts of the distal short arm of chromosome 4 [taken from NCBI Entrez Gene (Gene ID: 3954)].
Product Categories/Family for anti-LETM1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912482
NCBI GeneID	3954
NCBI Accession #	NP_036450.1
NCBI GenBank Nucleotide #	NM_012318.2
UniProt Accession #	O95202; Q9UF65; B4DED2
Molecular Weight	83,354 Da
NCBI Official Full Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
NCBI Official Synonym Full Names	leucine zipper-EF-hand containing transmembrane protein 1
NCBI Official Symbol	LETM1
NCBI Protein Information	LETM1 and EF-hand domain-containing protein 1, mitochondrial; Mdm38 homolog; leucine zipper-EF-hand-containing transmembrane protein 1
UniProt Protein Name	LETM1 and EF-hand domain-containing protein 1, mitochondrial
UniProt Gene Name	LETM1
UniProt Entry Name	LETM1_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/letm1-antibody-immunoprecipitation-western-blot-elisa/213324>