

Rabbit anti-Human Argininosuccinate lyase Polyclonal Antibody | anti-ASL antibody

Anti-Argininosuccinate lyase Antibody, Rabbit Polyclonal

CATALOG # AAA255911	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunoprecipitation, Immunohistochemistry, Western Blot
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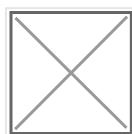
PRODUCT SYNONYMS

Argininosuccinate lyase; Polyclonal Antibody; Anti-Argininosuccinate lyase Antibody; Rabbit Polyclonal; Argininosuccinate lyase Antibody; Rabbit PAb; Antigen Affinity Purified; argininosuccinate lyase; Anti-ASAL Antibody; Anti-ASL Antibody; anti-ASL antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Argininosuccinate lyase
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-ASL antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human Argininosuccinate lyase fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Argininosuccinate lyase fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



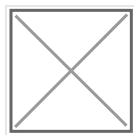
IP (Immunoprecipitation)

ASL was immunoprecipitated using: Lane A: 0.5 mg HepG2 Whole Cell Lysate 4 uL anti-ASL rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-ASL rabbit polyclonal antibody, at 1:100 dilution. Secondary antibody: Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 52 kDa. Observed band size: 52 kDa.



IHC (Immunohistochemistry)

Immunochemical staining of human ASL in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human ASL in human kidney with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-ASL rabbit polyclonal antibody at 1:500 dilution Lane A: HeLa Whole Cell Lysate Lane B: HepG2 Whole Cell Lysate Lane C: HEK293 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 52 kDa Observed band size: 52 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ASL antibody

The recycling of citrulline by argininosuccinate synthase 1 (ASS1) and argininosuccinate lyase (ASL) is crucial to maintain arginine availability and nitric oxide (NO) production. Nitric oxide (NO) plays an established role in numerous physiological and pathological processes, but the specific cellular sources of NO in disease pathogenesis remain unclear, preventing the implementation of NO-related therapy. Argininosuccinate lyase (ASL) is the only enzyme able to produce arginine, the substrate for NO generation by nitric oxide synthase (NOS) isoforms. Induction of endogenous NO production by enterocytes with supplements that upregulate ASL expression and complement its substrates results in improved epithelial integrity and alleviation of colitis and of inflammation-associated colon cancer.

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/argininosuccinate-lyase-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/255911>