10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-AASS Antibody

Catalog # AP59791

Product Information

Application	WB, IF/IC
Primary Accession	Q9UDR5
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	102132

Additional Information

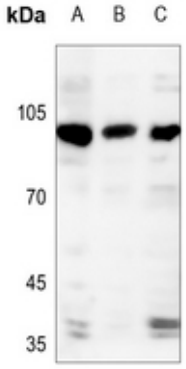
Gene ID	10157
Other Names	Alpha-aminoadipic semialdehyde synthase mitochondrial; LKR/SDH
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human AASS. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000), IP (1/10 - 1/100) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

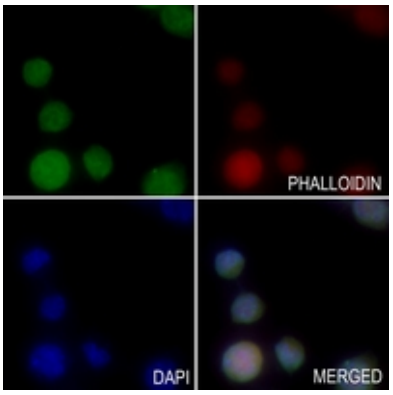
Protein Information

Name	AASS (HGNC:17366)
Function	Bifunctional enzyme that catalyzes the first two steps in lysine degradation.
Cellular Location	Mitochondrion.
Tissue Location	Expressed in all 16 tissues examined with highest expression in the liver

Images

Western blot analysis of AASS expression in HEK293T (A), U2OS (B), H446 (C) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 102 kD)





Immunofluorescent analysis of AASS staining in VB2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.