



AASS rabbit pAb

Cat No.:ES1560

For research use only

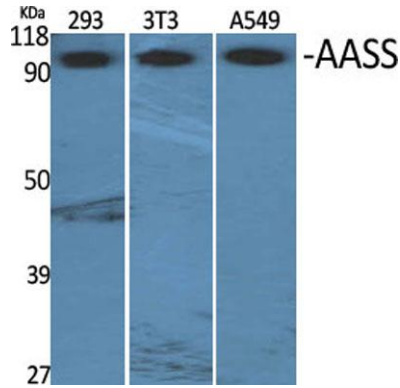
Overview

Product Name	AASS rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human AASS. AA range:251-300
Specificity	AASS Polyclonal Antibody detects endogenous levels of AASS protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Alpha-aminoadipic semialdehyde synthase mitochondrial
Gene Name	AASS
Cellular localization	Mitochondrion .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	102kD
Human Gene ID	10157
Human Swiss-Prot Number	Q9UDR5
Alternative Names	AASS; Alpha-aminoadipic semialdehyde synthase; mitochondrial; LKR/SDH
Background	This gene encodes a bifunctional enzyme that catalyzes the first two steps in the mammalian lysine degradation pathway. The N-terminal and the C-terminal portions of this enzyme contain lysine-ketoglutarate reductase and saccharopine

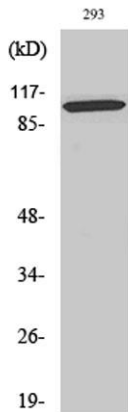




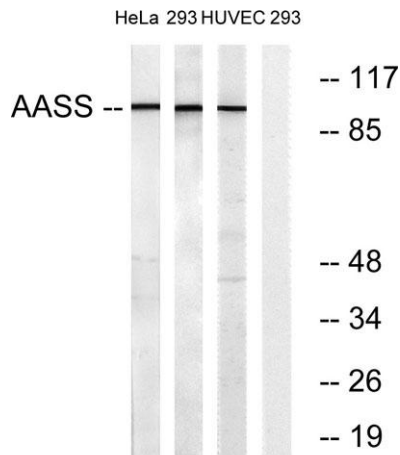
dehydrogenase activity, respectively, resulting in the conversion of lysine to alpha-amino adipic semialdehyde. Mutations in this gene are associated with familial hyperlysinemia. [provided by RefSeq, Jul 2008],



Western Blot analysis of various cells using AASS Polyclonal Antibody



Western Blot analysis of HeLa cells using AASS Polyclonal Antibody

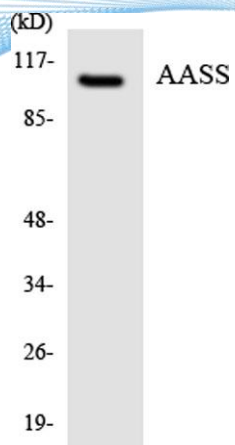


Western blot analysis of lysates from 293, HUVEC, and HeLa cells, using AASS Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from COLO205 cells using AASS antibody.



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