

ARG43563 anti-ASS1 / Argininosuccinate synthetase 1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes ASS1 / Argininosuccinate synthetase 1.
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	ASS1 / Argininosuccinate synthetase 1
Species	Human
Immunogen	Synthetic peptide derived from human ASS1 / Argininosuccinate synthetase 1
Conjugation	Un-conjugated
Alternate Names	ASS; CTLN1

Application Instructions

Application table	Application	Dilution
	FACS	1:20 - 1:200
	ICC/IF	1:10 - 1:100
	IHC-P	1:50 - 1:200
	IP	1:10 - 1:50
	WB	1:500 - 1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

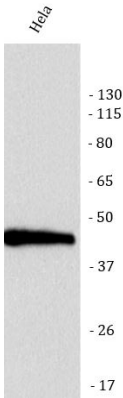
Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	ASS1
Gene Full Name	argininosuccinate synthase 1
Background	The protein encoded by this gene catalyzes the penultimate step of the arginine biosynthetic pathway. There are approximately 10 to 14 copies of this gene including the pseudogenes scattered across the human genome, among which the one located on chromosome 9 appears to be the only functional gene for argininosuccinate synthetase. Mutations in the chromosome 9 copy of this gene cause citrullinemia. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Aug 2012]
Function	Is indirectly involved in the control of blood pressure. [UniProt]

Images



ARG43563 anti-ASS1 / Argininosuccinate synthetase 1 antibody WB image

Western blot: HeLa stained with ARG43563 anti-ASS1 / Argininosuccinate synthetase 1 antibody.