

## ARG64462 anti-ASRGL1 / ALP antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes ASRGL1 / ALP
Tested Reactivity	Hu
Tested Application	WB
Specificity	Both reported variants represent identical protein (NP_001077395.1 and NP_079356.3).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ASRGL1 / ALP
Species	Human
Immunogen	EKHEKGAQKDCQ
Conjugation	Un-conjugated
Alternate Names	ASRGL1; Asparaginase And Isoaspartyl Peptidase 1; ALP; ALP1; Isoaspartyl Peptidase/L-Asparaginase; Asparaginase-Like 1 Protein; L-Asparagine Amidohydrolase; Asparaginase-Like Protein 1; Beta-Aspartyl-Peptidase; Isoaspartyl Dipeptidase; Asparaginase Like 1; EC 3.5.1.1; FLJ22316; CRASH; Testis Secretory Sperm-Binding Protein Li 242mP; L-Asparaginase; EC 3.4.19.5

### Application Instructions

Application table	Application	Dilution
	WB	1 - 3 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

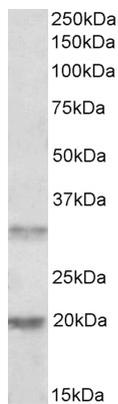
Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for 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

Database links	<a href="#">GeneID: 80150 Human</a> <a href="#">Swiss-port # Q7L266 Human</a>
Gene Symbol	ASRGL1
Gene Full Name	Asparaginase And Isoaspartyl Peptidase 1
Background	Enables asparaginase activity and beta-aspartyl-peptidase activity. Involved in asparagine catabolic process via L-aspartate. Located in cytoplasm. [provided by Alliance of Genome Resources, Apr 2022]
Function	Has both L-asparaginase and beta-aspartyl peptidase activity. May be involved in the production of L-aspartate, which can act as an excitatory neurotransmitter in some brain regions. Is highly active with L-Asp beta-methyl ester. Besides, has catalytic activity toward beta-aspartyl dipeptides and their methyl esters, including beta-L-Asp-L-Phe, beta-L-Asp-L-Phe methyl ester (aspartame), beta-L-Asp-L-Ala, beta-L-Asp-L-Leu and beta-L-Asp-L-Lys. Does not have aspartylglucosaminidase activity and is inactive toward GlcNAc-L-Asn. Likewise, has no activity toward glutamine. [UniProt]
Research Area	Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	32 kDa
PTM	Acetylation, Autocatalytic cleavage. [UniProt]
Cellular Localization	Cytoplasm. [UniProt]

## Images



ARG64462 anti-ASRGL1 / ALP antibody WB image

Western Blot: Human Tonsil lysate (35 µg protein in RIPA buffer) stained with ARG64462 anti-ASRGL1 / ALP antibody at 0.5 µg/ml dilution.