

ARG65275 anti-ALDH9A1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ALDH9A1
Tested Reactivity	Hu
Predict Reactivity	Cow
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ALDH9A1
Species	Human
Immunogen	C-QKEILDKFTEEVVKQ
Conjugation	Un-conjugated
Alternate Names	4-trimethylaminobutyraldehyde dehydrogenase; Aldehyde dehydrogenase family 9 member A1; EC 1.2.1.47; ALDH9; ALDH4; ALDH7; R-aminobutyraldehyde dehydrogenase; Gamma-aminobutyraldehyde dehydrogenase; EC 1.2.1.19; TMABADH; Aldehyde dehydrogenase E3 isozyme; E3; EC 1.2.1.3

Application Instructions

Application table	Application	Dilution
	IHC-P	3 - 5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). 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

[GeneID: 223 Human](#)

[Swiss-port # P49189 Human](#)

Background

This protein belongs to the aldehyde dehydrogenase family of proteins. It has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. The enzyme catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid (GABA). This isozyme is a tetramer of identical 54-kD subunits. [provided by RefSeq, Jul 2008]

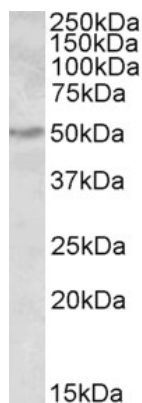
Research Area

Metabolism antibody; Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

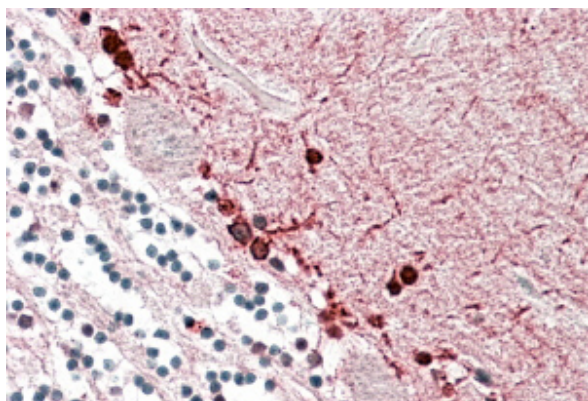
54 kDa

Images



ARG65275 anti-ALDH9A1 antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG65275 anti-ALDH9A1 antibody at 0.3 µg/ml dilution.



ARG65275 anti-ALDH9A1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Cerebellum. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG65275 anti-ALDH9A1 antibody at 3.8 µg/ml dilution followed by AP-staining.