

ARG63729 anti-ERAB / HADH2 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes ERAB / HADH2
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog
Tested Application	WB
Specificity	This antibody is expected to recognise both reported isoforms.
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	ERAB / HADH2
Species	Human
Immunogen	CIRLDGAIRMQP
Conjugation	Un-conjugated
Alternate Names	MRPP2; ERAB; ABAD; Short chain dehydrogenase/reductase family 5C member 1; HCD2; SDR5C1; 3-hydroxyacyl-CoA dehydrogenase type-2; 17-beta-hydroxysteroid dehydrogenase 10; SCHAD; 3-hydroxy-2-methylbutyryl-CoA dehydrogenase; EC 1.1.1.178; Short-chain type dehydrogenase/reductase XH98G2; Endoplasmic reticulum-associated amyloid beta-peptide-binding protein; 17-beta-HSD 10; CAMR; Mitochondrial RNase P protein 2; EC 1.1.1.35; Type II HADH; 3-hydroxyacyl-CoA dehydrogenase type II; EC 1.1.1.51; 17b-HSD10; MRX31; DUPXp11.22; HADH2; MRX17; MRXS10; Mitochondrial ribonuclease P protein 2; MHBD

Application Instructions

Application table	<table><thead><tr><th>Application</th><th>Dilution</th></tr></thead><tbody><tr><td>WB</td><td>0.3 - 2 µg/ml</td></tr></tbody></table>	Application	Dilution	WB	0.3 - 2 µg/ml
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WB	0.3 - 2 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

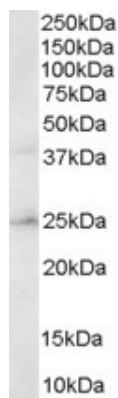
Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA

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: 3028 Human Swiss-port # Q99714 Human
Background	This gene encodes 3-hydroxyacyl-CoA dehydrogenase type II, a member of the short-chain dehydrogenase/reductase superfamily. The gene product is a mitochondrial protein that catalyzes the oxidation of a wide variety of fatty acids, alcohols, and steroids. The protein has been implicated in the development of Alzheimer's disease, and mutations in the gene are the cause of 2-methyl-3-hydroxybutyryl-CoA dehydrogenase deficiency (MHBD). Several alternatively spliced transcript variants have been identified, but the full-length nature of only two transcript variants has been determined. [provided by RefSeq, Jul 2008]
Research Area	Controls and Markers antibody; Metabolism antibody; Neuroscience antibody
Calculated Mw	27 kDa

Images



ARG63729 anti-ABAD / HADH2 antibody WB image

Western Blot: Human Brain lysate (RIPA buffer, 30µg total protein per lane) stained with ARG63729 anti-ABAD / HADH2 antibody at 0.3 µg/ml dilution.