

ARG64362 anti-HADH / HADHSC antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes HADH / HADHSC
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	HADH / HADHSC
Species	Human
Immunogen	C-YERGDASKEDID
Conjugation	Un-conjugated
Alternate Names	Medium and short-chain L-3-hydroxyacyl-coenzyme A dehydrogenase; Short-chain 3-hydroxyacyl-CoA dehydrogenase; HAD; EC 1.1.1.35; HADHSC; HHF4; HCDH; SCHAD; Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial; HADH1; MSCHAD

Application Instructions

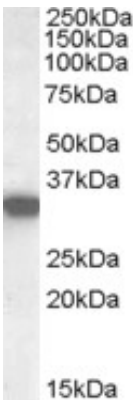
Application table	Application	Dilution
	WB	0.01 - 0.03 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

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.

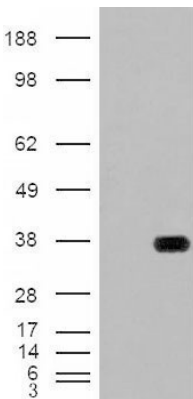
Note	For laboratory research only, not for drug, diagnostic or other use.
Bioinformation	
Database links	GeneID: 3033 Human Swiss-port # Q16836 Human
Background	This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as part of the beta-oxidation pathway. Its enzymatic activity is highest with medium-chain-length fatty acids. Mutations in this gene cause one form of familial hyperinsulinemic hypoglycemia. The human genome contains a related pseudogene of this gene on chromosome 15. [provided by RefSeq, May 2010]
Research Area	Cancer antibody; Metabolism antibody; Signaling Transduction antibody
Calculated Mw	34 kDa
PTM	Succinylation at Lys-81, adjacent to a coenzyme A binding site. Desuccinylated by SIRT5 (By similarity).

Images



ARG64362 anti-HADH / HADHSC antibody WB image

Western Blot: Human Kidney lysate (35 µg protein in RIPA buffer) stained with ARG64362 anti-HADH / HADHSC antibody at 0.02 µg/ml dilution.



ARG64362 anti-HADH / HADHSC antibody WB image

Western Blot: HEK293 overexpressing HADH (RC201752) with C-terminal tag (DYKDDDDK) and stained with anti-DYKDDDDK in the left panel and with ARG64362 anti-HADH / HADHSC antibody in the right panel (mock transfection in first and last lanes)