

## 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

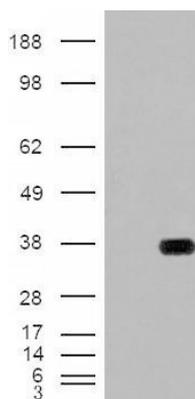
Database links	<a href="#">GeneID: 3033 Human</a> <a href="#">Swiss-port # Q16836 Human</a>
Background	This gene is a member of the 3-hydroxyacyl-CoA dehydrogenase gene family. The encoded protein functions in the mitochondrial matrix to catalyze the oxidation of straight-chain 3-hydroxyacyl-CoAs as 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)