

ARG44655 anti-PECI antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes Peci
Tested Reactivity	Hu
Tested Application	IHC-P, IP, WB
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	PECI
Species	Human
Conjugation	Un-conjugated
Alternate Names	ECI2; Enoyl-CoA Delta Isomerase 2; HCA88; DRS1; Peci; Hepatocellular Carcinoma-Associated Antigen 88; ACBD2; Diazepam-Binding Inhibitor-Related Protein 1; Acyl-Coenzyme A Binding Domain Containing 2; Peroxisomal 3,2-Trans-Enoyl-CoA Isomerase; Peroxisomal D3,D2-Enoyl-CoA Isomerase; Delta(3),Delta(2)-Enoyl-CoA Isomerase; Renal Carcinoma Antigen NY-REN-1; D3,D2-Enoyl-CoA Isomerase; Dodecenoyl-CoA Isomerase; DBI-Related Protein 1; DRS-1; Enoyl-CoA Delta Isomerase 2, Mitochondrial; Testicular Secretory Protein Li 33; DJ1013A10.3; EC 5.3.3.8

Application Instructions

Application table	Application	Dilution
	IHC-P	5 µg/mL
	IP	10 µg/mL
	WB	1 µg/mL
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

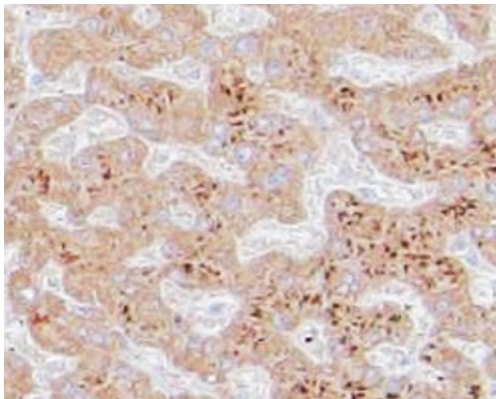
Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
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

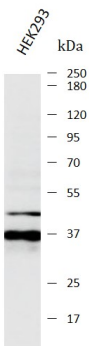
Gene Symbol	ECI2
Gene Full Name	Enoyl-CoA Delta Isomerase 2
Background	This gene encodes a member of the hydratase/isomerase superfamily. The protein encoded is a key mitochondrial enzyme involved in beta-oxidation of unsaturated fatty acids. It catalyzes the transformation of 3-cis and 3-trans-enoyl-CoA esters arising during the stepwise degradation of cis-, mono-, and polyunsaturated fatty acids to the 2-trans-enoyl-CoA intermediates. Alternatively spliced transcript variants have been described. [provided by RefSeq, Aug 2011]
Function	Able to isomerize both 3-cis and 3-trans double bonds into the 2-trans form in a range of enoyl-CoA species. Has a preference for 3-trans substrates. [UniProt]
Calculated Mw	44 kDa
PTM	Acetylation, Phosphoprotein. [UniProt]
Cellular Localization	Mitochondrion, Peroxisome. [UniProt]

Images



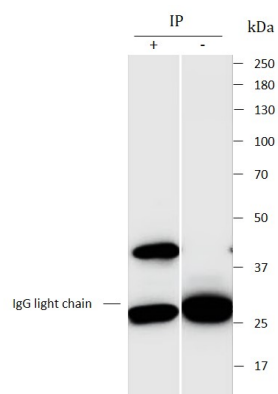
ARG44655 anti-PECI antibody IHC-P image

Immunohistochemistry: Human Liver stained with ARG44655 anti-PECI antibody at 10 µg/mL dilution.



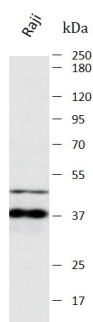
ARG44655 anti-PECI antibody WB image

Western blot: HEK293 stained with ARG44655 anti-PECI antibody at 1 µg/mL dilution.



ARG44655 anti-PECI antibody IP image

Immunoprecipitation: Raji lysate immunoprecipitated with 2.5 μ g of ARG44655 anti-PECI antibody.



ARG44655 anti-PECI antibody WB image

Western blot: Raji stained with ARG44655 anti-PECI antibody at 1 μ g/mL dilution.