

Rabbit anti-Human ACAD11 Polyclonal Antibody | anti-ACAD11 antibody

ACAD11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327815	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

ACAD11; Polyclonal Antibody; ACAD11 Antibody; 5730439E10Rik; 62113 protein; ACAD 11; ACAD-11; Acad11; ACD11_HUMAN; Acyl CoA dehydrogenase family member 11; Acyl Coenzyme A dehydrogenase family member 11; Acyl-CoA dehydrogenase family member 11; AI987948; FLJ12592; MGC150619; Putative acyl CoA dehydrogenase; RGD1306270; anti-ACAD11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	ACAD11 antibody detects endogenous levels of total ACAD11
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	780
Applicable Applications for anti-ACAD11 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ACAD11
Subcellular Location	Peroxisome.
Tissue Specificity	Widely expressed with highest levels in brain followed by liver, heart and kidney.
Predicted Cross Reactivity	Bovine, Sheep, Dog
Similarity	Bovine (92%), Sheep (92%), Dog (83%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of ACAD11 using Jurkat whole cell lysates



IF (Immunofluorescence)
AAA327815 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-ACAD11 antibody	Function: Acyl-CoA dehydrogenase, that exhibits maximal activity towards saturated C22-CoA. Subunit Structure: Homodimer. Similarity: Belongs to the acyl-CoA dehydrogenase family.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	38505218
NCBI GeneID	84129
NCBI Accession #	NP_115545.3
NCBI GenBank Nucleotide #	NM_032169.4
UniProt Accession #	Q709F0; Q08AF0; Q658N9; Q658Y2; Q6ZND2; Q8WUT6; Q9H9R3
Molecular Weight	Observed: 87 kDa Predicted: 88 kDa
NCBI Official Full Name	acyl-CoA dehydrogenase family member 11
NCBI Official Synonym Full Names	acyl-CoA dehydrogenase family member 11
NCBI Official Symbol	ACAD11
NCBI Official Synonym Symbols	ACAD-11
NCBI Protein Information	acyl-CoA dehydrogenase family member 11
UniProt Protein Name	Acyl-CoA dehydrogenase family member 11
UniProt Gene Name	ACAD11
UniProt Synonym Gene Names	ACAD-11

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.