

ARG45266 anti-ACAD9 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Polyclonal antibody recognizes ACAD9
Tested Reactivity	Hu
Tested Application	FACS, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Target Name	ACAD9
Species	Human
Immunogen	Recombinant protein containing to human ACAD9.
Conjugation	Un-conjugated
Alternate Names	NPD002; EC 1.3.99.-; Acyl-CoA dehydrogenase family member 9, mitochondrial; ACAD-9

Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 ⁶ cells
	IHC-P	2-5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	69 kDa	

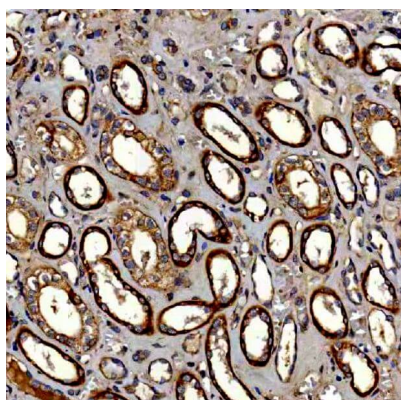
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.2% Na ₂ HPO ₄ , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
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

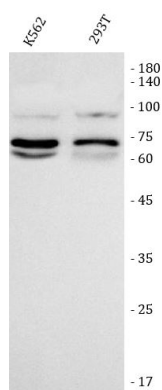
Gene Symbol	ACAD9
Gene Full Name	acyl-CoA dehydrogenase family, member 9
Background	ACAD-9 is a member of the acyl-CoA dehydrogenase family (ACAD). ACAD-9 is localized to the mitochondria and plays a key role in the beta -oxidation of long-chain unsaturated fatty acids. ACAD-9 is active toward palmitoyl-CoA and stearyl-CoA substrates.
Function	As part of the MCIA complex, primarily participates in the assembly of the mitochondrial complex I and therefore plays a role in oxidative phosphorylation. [UniProt]
Calculated Mw	69 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Membrane; Mitochondrion; Mitochondrion inner membrane. [UniProt]

Images



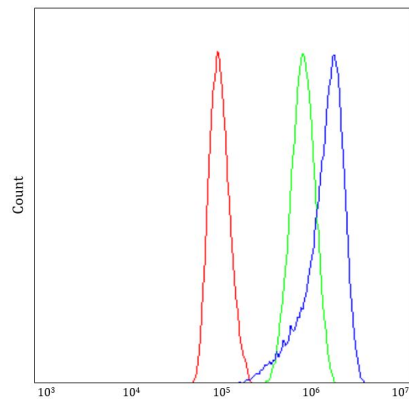
ARG45266 anti-ACAD9 antibody IHC-P image

Immunohistochemistry: Human renal cancer stained with ARG45266 anti-ACAD9 antibody at 2 µg/ml dilution.



ARG45266 anti-ACAD9 antibody WB image

Western blot: 293T and K562 stained with ARG45266 anti-ACAD9 antibody at 0.5 µg/ml dilution.



ARG45266 anti-ACAD9 antibody FACS image

Flow Cytometry: A549 stained with ARG45266 anti-ACAD9 antibody at 1 µg/10⁶ cells dilution.