

Rabbit Isovaleryl Coenzyme A Dehydrogenase Polyclonal Antibody | anti-IVD antibody

Polyclonal Antibody to Isovaleryl Coenzyme A Dehydrogenase (IVD)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA145677	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot

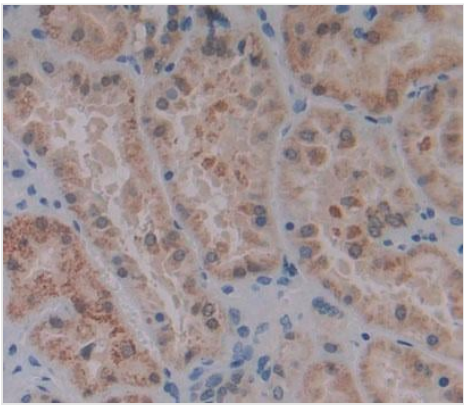
PRODUCT SYNONYMS

Isovaleryl Coenzyme A Dehydrogenase; Polyclonal Antibody; Polyclonal Antibody to Isovaleryl Coenzyme A Dehydrogenase (IVD); ACAD2; anti-IVD antibody

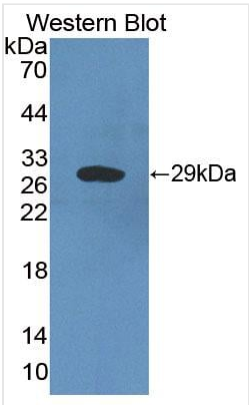
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against IVD. It has been selected for its ability to recognize IVD in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	423
Applicable Applications for anti-IVD antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	IVD (Met1~Pro235)
Conjugate	No Conjugate
Cross Reactivity	Human, Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant IVD (Met1~Pro235) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemiluminescent (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

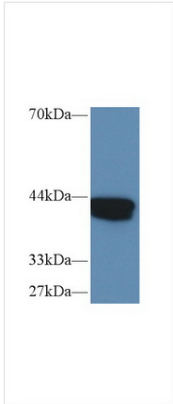
IMAGES



IHC (Immunohistochemisry)
DAB staining on fromalin fixed paraffin- embedded kidney tissue



WB (Western Blot)
Western Blot: Sample: Recombinant protein.



WB (Western Blot)
Western Blot: Sample: Human MCF7 cell lysate; Primary Ab: 1ug/ml Rabbit Anti-Human IVD
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	226958414
NCBI GeneID	3712
NCBI Accession #	NP_001152980.1
NCBI GenBank Nucleotide #	NM_001159508.1
UniProt Accession #	P26440; Q53XZ9; Q96AF6; B2RCV5; B3KVI7; J3KR54
Molecular Weight	42,724 Da
NCBI Official Full Name	isovaleryl-CoA dehydrogenase, mitochondrial isoform 2
NCBI Official Synonym Full Names	isovaleryl-CoA dehydrogenase
NCBI Official Symbol	IVD
NCBI Official Synonym Symbols	ACAD2
NCBI Protein Information	isovaleryl-CoA dehydrogenase, mitochondrial
UniProt Protein Name	Isovaleryl-CoA dehydrogenase, mitochondrial
UniProt Gene Name	IVD
UniProt Synonym Gene Names	IVD

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/isovaleryl-coenzyme-a-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145677>