

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

Polyclonal Antibody to Isovaleryl Coenzyme A Dehydrogenase (IVD)

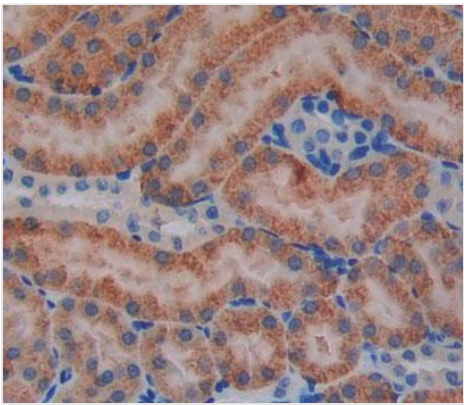
| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                   |
|-----------|--------|-------------------|----------------------------------------------------------------|
| AAA145739 | Rabbit | Mouse, Human, Rat | ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot |

### PRODUCT SYNONYMS

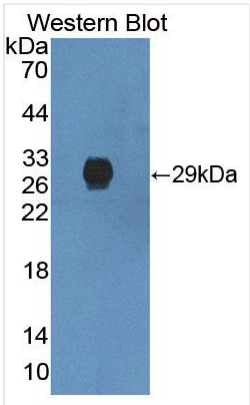
Isovaleryl Coenzyme A Dehydrogenase; Polyclonal Antibody; Polyclonal Antibody to Isovaleryl Coenzyme A Dehydrogenase (IVD); ACAD2; anti-IVD antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity                                    | Mouse, Human, 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 <sub>3</sub> , 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~Phe235)                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                                     | No Conjugate                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cross Reactivity                              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Immunoglobulin Type                           | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Quality Control                               | Content: The quality control contains recombinant IVD (Met1~Phe235) disposed in loading buffer.<br>Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate.<br>5uL per well when used in enhanced chemiluminescent (ECL).<br>Note: The quality control is specifically manufactured as the positive control. Not used for other purposes.<br>Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN <sub>3</sub> 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.                                                                                                                                                                                                                                                                                     |



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



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

NCBI AND UNIPROT INFORMATION

|                                  |                                             |
|----------------------------------|---------------------------------------------|
| NCBI GI #                        | 9789985                                     |
| NCBI GeneID                      | 56357                                       |
| NCBI Accession #                 | NP_062800.1                                 |
| NCBI GenBank Nucleotide #        | NM_019826.3                                 |
| UniProt Accession #              | Q9JHI5; Q9CYI3; Q9DBD7                      |
| Molecular Weight                 | 46,325 Da                                   |
| NCBI Official Full Name          | isovaleryl-CoA dehydrogenase, mitochondrial |
| NCBI Official Synonym Full Names | isovaleryl coenzyme A dehydrogenase         |
| NCBI Official Symbol             | Ivd                                         |
| NCBI Official Synonym Symbols    | AI463340; 1300016K07Rik; 6720455E18Rik      |
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/polyclonal/isovaleryl-coenzyme-a-dehydrogenase-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/145739>