

CAB1266

Product Information

|              |         |               |        |             |                 |
|--------------|---------|---------------|--------|-------------|-----------------|
| Product SKU: | CAB1266 | Gene ID:      | 33     | Size:       | 20uL, 100uL     |
| Clone No:    | -       | Host Species: | Rabbit | Reactivity: | Human,Mouse,Rat |

Additional Information

|                |       |            |              |
|----------------|-------|------------|--------------|
| Observed MW:   | 47kDa | Conjugate: | Unconjugated |
| Calculated MW: | 48kDa | Isotype:   | IgG          |

Immunogen Information

**Background:** The protein encoded by this gene belongs to the acyl-CoA dehydrogenase family, which is a family of mitochondrial flavoenzymes involved in fatty acid and branched chain amino-acid metabolism. This protein is one of the four enzymes that catalyze the initial step of mitochondrial beta-oxidation of straight-chain fatty acid. Defects in this gene are the cause of long-chain acyl-CoA dehydrogenase (LCAD) deficiency, leading to nonketotic hypoglycemia.

|                       |  |
|-----------------------|--|
| Recommended Dilution: | WB,1:500 - 1:2000 IHC-P,1:50 - 1:200   |
| Synonyms:             | LCAD; ACAD4; ACADL   |
| Purification Method:  | Affinity purification  |
| Immunogen:            | Recombinant fusion protein containing a sequence corresponding to amino acids 31-210 of human ACADL (NP_001599.1). |
| Storage:              | Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.                 |