ELK Biotechnology

# ECHA rabbit pAb

## Cat No.:ES16812

**For research use only**

**Overview**

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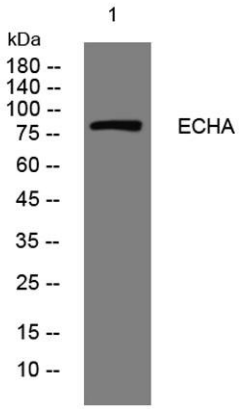
|---|---|
| **Product Name** | ECHA rabbit pAb |
| **Host species** | Rabbit |
| **Applications** | WB |
| **Species Cross-Reactivity** | Human; Mouse;Rat |
| **Recommended dilutions** | WB 1:500-2000 |
| **Immunogen** | Synthesized peptide derived from human ECHA AA range: 276-326 |
| **Specificity** | This antibody detects endogenous levels of ECHA at Human/Mouse/Rat |
| **Formulation** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| **Storage** | Store at -20°C. Avoid repeated freeze-thaw cycles. |
| **Protein Name** | ECHA |
| **Gene Name** | HADHA HADH |
| **Cellular localization** | Mitochondrion . Mitochondrion inner membrane . Protein stability and association with mitochondrion inner membrane do not require HADHB. . |
| **Purification** | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| **Clonality** | Polyclonal |
| **Concentration** | 1 mg/ml |
| **Observed band** | 85kD |
| **Human Gene ID** | 3030 |
| **Human Swiss-Prot Number** | P40939 |
| **Alternative Names** | Trifunctional enzyme subunit alpha, mitochondrial (78 kDa gastrin-binding protein) (TP-alpha) [Includes: Long-chain enoyl-CoA hydratase (EC 4.2.1.17); Long chain 3-hydroxyacyl-CoA dehydrogenase (EC 1.1.1.211)] |
| **Background** | This gene encodes the alpha subunit of the mitochondrial trifunctional protein, which catalyzes the last three steps of mitochondrial beta-oxidation |

of long chain fatty acids. The mitochondrial membrane-bound heterocomplex is composed of four alpha and four beta subunits, with the alpha subunit catalyzing the 3-hydroxyacyl-CoA dehydrogenase and enoyl-CoA hydratase activities. Mutations in this gene result in trifunctional protein deficiency or LCHAD deficiency. The genes of the alpha and beta subunits of the mitochondrial trifunctional protein are located adjacent to each other in the human genome in a head-to-head orientation. [provided by RefSeq, Jul 2008],




Western blot analysis of lysates from DU145 cells, primary antibody was diluted at 1:1000, 4°over night

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