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Datasheet for ABIN7151567

**anti-ELOVL4 antibody (AA 270-314) (HRP)**

## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg                                    |
| Target:              | ELOVL4                                    |
| Binding Specificity: | AA 270-314                                |
| Reactivity:          | Human                                     |
| Host:                | Rabbit                                    |
| Clonality:           | Polyclonal                                |
| Conjugate:           | This ELOVL4 antibody is conjugated to HRP |
| Application:         | ELISA                                     |

## Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | Recombinant Human Elongation of very long chain fatty acids protein 4 protein (270-314AA) |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human   |
| Purification:     | >95%, Protein G purified  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ELOVL4  |
| Alternative Name: | ELOVL4 ( <a href="#">ELOVL4 Products</a> )  |
| Background:       | Background: Catalyzes the first and rate-limiting reaction of the four that constitute the long-chain fatty acids elongation cycle. This endoplasmic reticulum-bound enzymatic process, |

## Target Details

allows the addition of 2 carbons to the chain of long- and very long-chain fatty acids/VLCFAs per cycle. Condensing enzyme that specifically elongates C24:0 and C26:0 acyl-CoAs. May participate to the production of saturated and monounsaturated VLCFAs of different chain lengths that are involved in multiple biological processes as precursors of membrane lipids and lipid mediators. May play a critical role in early brain and skin development.

Aliases: 3-keto acyl-CoA synthase ELOVL4 antibody, ADMD antibody, Cancer/testis antigen 118 antibody, CT118 antibody, Elongation of very long chain fatty acids (FEN1/Elo2 SUR4/Elo3 yeast) like 4 antibody, Elongation of very long chain fatty acids like 4 antibody, Elongation of very long chain fatty acids protein 4 antibody, ELOV L4 antibody, ELOV4\_HUMAN antibody, ELOVL 4 antibody, ELOVL4 antibody, FLJ17667 antibody, FLJ92876 antibody, Stargardt disease 3 antibody, Stargardt disease 3 autosomal dominant antibody, STGD 2 antibody, STGD 3 antibody, STGD2 antibody, STGD3 antibody

UniProt: [Q9GZR5](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.