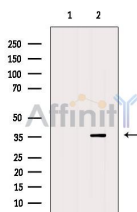


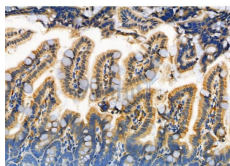
## ELOVL1 Ab

[References\(1\)](#) [Images\(4\)](#)

|               |                                                                                                                                                                                                                                                                                                                                                        |                       |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Cat.#: AF0670 | Concn.: ~1mg/ml                                                                                                                                                                                                                                                                                                                                        | Mol.Wt.: 35kDa        |
| Size:         | Source: Rabbit                                                                                                                                                                                                                                                                                                                                         | Clonality: Polyclonal |
| Application:  | WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200<br>*The optimal dilutions should be determined by the end user.                                                                                                                                                                                                                                    |                       |
| Reactivity:   | Human, Mouse, Rat                                                                                                                                                                                                                                                                                                                                      |                       |
| Storage:      | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.                                                                                                                                                                                          |                       |
| Purification: | The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).                                                                                                                                                                                                                              |                       |
| Immunogen:    | A synthesized peptide derived from human ELOVL1, corresponding to a region within the internal amino acids.                                                                                                                                                                                                                                            |                       |
| Uniprot:      | Q9BW60                                                                                                                                                                                                                                                                                                                                                 |                       |
| Description:  | ELOVL1 Could be implicated in tissue-specific synthesis of very long chain fatty acids and sphingolipids. May catalyze one or both of the reduction reaction in fatty acid elongation, i.e., conversion of beta-ketoacyl CoA to beta-hydroxyacyl CoA or reduction of trans-2-enoyl CoA to the saturated acyl CoA derivative. Belongs to the ELO family |                       |



Western blot analysis of extracts from Rat brain, using ELOVL1 Ab. The lane on the left was treated with blocking peptide.



AF0670 at 1/100 staining Mouse colorectal tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,

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overnight.

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