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**Product Name: ELOVL5 Rabbit Monoclonal antibody****Catalog #: AMRe01407**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Concentration</b>	0.28mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
<b>Purification</b>	Affinity Purified

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC/IF 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 35 kDa; Observed MW: 35 kDa

**Antigen Information**

<b>Gene Name</b>	ELOVL5
<b>Alternative Names</b>	ELOVL FA elongase 5; Fatty acid elongase 1; hELO1; Very long chain 3-ketoacyl-CoA synthase 5
<b>Gene ID</b>	60481
<b>SwissProt ID</b>	Q9NYP7
<b>Immunogen</b>	A synthetic peptide of human ELOVL5

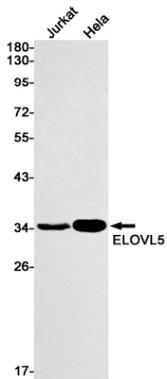
**Background**

Catalyzes the first and rate-limiting reaction of the four reactions that constitute the long-chain fatty acids elongation cycle.

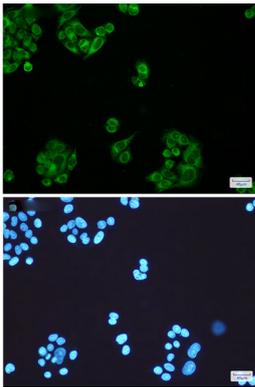
## Research Area

Cardiovascular

## Image Data



Western blot analysis of ELOVL5 in Jurkat, HeLa lysates using ELOVL5 antibody.



Immunocytochemistry analysis of ELOVL5(green) in HeLa using ELOVL5 antibody, and DAPI(blue)