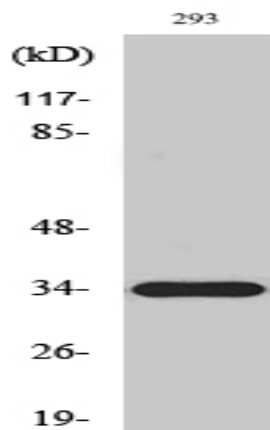


## ELOVL6 Polyclonal Antibody

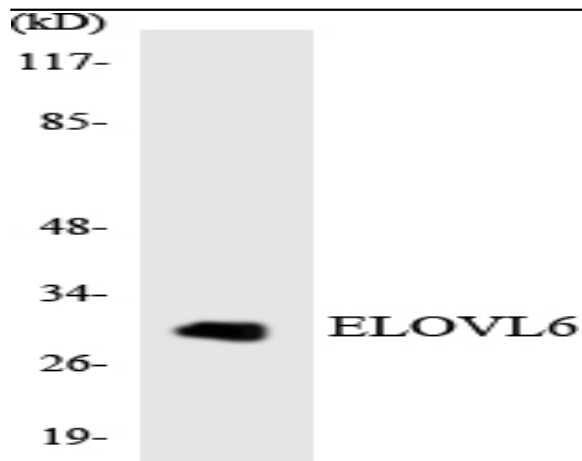
<b>Catalog No :</b>	YT1540
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ELOVL6
<b>Fields :</b>	>>Fatty acid elongation;>>Biosynthesis of unsaturated fatty acids;>>Metabolic pathways;>>Fatty acid metabolism
<b>Gene Name :</b>	ELOVL6
<b>Protein Name :</b>	Elongation of very long chain fatty acids protein 6
<b>Human Gene Id :</b>	79071
<b>Human Swiss Prot No :</b>	Q9H5J4
<b>Mouse Gene Id :</b>	170439
<b>Mouse Swiss Prot No :</b>	Q920L5
<b>Rat Gene Id :</b>	1.00911e+008
<b>Rat Swiss Prot No :</b>	Q920L6
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ELOVL6. AA range:21-70
<b>Specificity :</b>	ELOVL6 Polyclonal Antibody detects endogenous levels of ELOVL6 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. ELISA: 1:10000. Not yet tested in other applications.

<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	35kD
<b>Cell Pathway :</b>	Biosynthesis of unsaturated fatty acids;
<b>Background :</b>	Fatty acid elongases (EC 6.2.1.3), such as ELOVL6, use malonyl-CoA as a 2-carbon donor in the first and rate-limiting step of fatty acid elongation (Moon et al., 2001 [PubMed 11567032]).[supplied by OMIM, Mar 2008],
<b>Function :</b>	function:Fatty acid elongase specific to C12-C16 saturated and monoinsaturated fatty acids.,similarity:Belongs to the ELO family.,
<b>Subcellular Location :</b>	Endoplasmic reticulum membrane ; Multi-pass membrane protein .
<b>Expression :</b>	Ubiquitous.

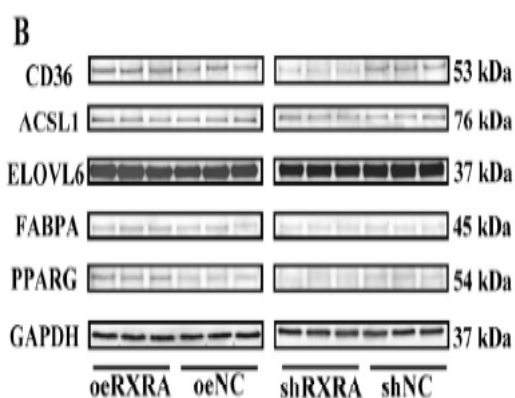
## Products Images



Western Blot analysis of various cells using ELOVL6 Polyclonal Antibody



Western blot analysis of the lysates from K562 cells using ELOVL6 antibody.



A Novel in Duck Myoblasts: The Transcription Factor Retinoid X Receptor Alpha (RXRA) Inhibits Lipid Accumulation by Promoting CD36 Expression INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES Zhaoyu Geng WB,IF Duck myoblasts (CS2 cells)