

## ApoL4 Polyclonal Antibody

<b>Catalog No :</b>	YT0280
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	ApoL4
<b>Gene Name :</b>	APOL4
<b>Protein Name :</b>	Apolipoprotein L4
<b>Human Gene Id :</b>	80832
<b>Human Swiss Prot No :</b>	Q9BPW4
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human APOL4. AA range:301-350
<b>Specificity :</b>	ApoL4 Polyclonal Antibody detects endogenous levels of ApoL4 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. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:20000. 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>	34kD
<b>Background :</b>	The protein encoded by this gene is a member of the apolipoprotein L family and

may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Two transcript variants encoding two different isoforms have been found for this gene. Only one of the isoforms appears to be a secreted protein. [provided by RefSeq, Jul 2008],

**Function :**

function:May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver.,similarity:Belongs to the apolipoprotein L family.,tissue specificity:Widely expressed; the highest levels are in spinal cord, placenta, adrenal gland; also detected in spleen, bone marrow, uterus, trachea, mammary gland and testis; levels are low in brain, heart and pancreas.,

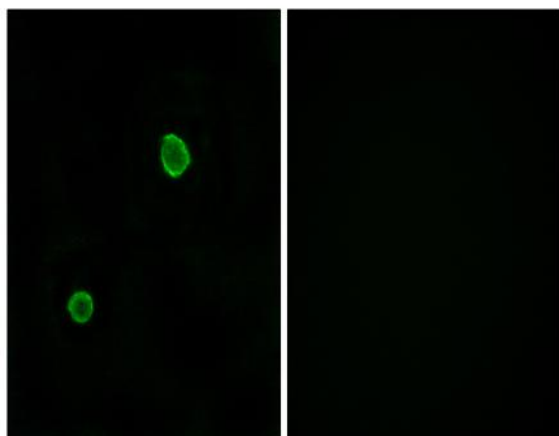
**Subcellular**

Secreted .

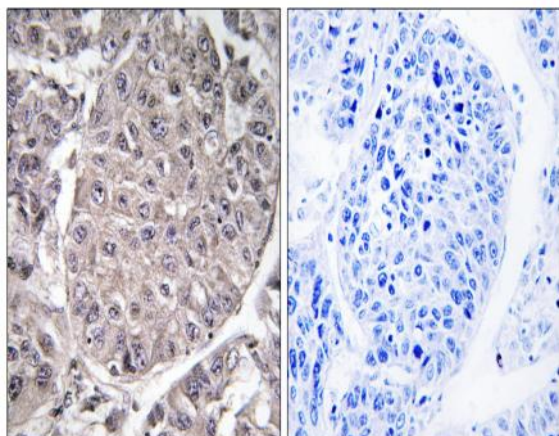
**Location :****Expression :**

Widely expressed; the highest levels are in spinal cord, placenta, adrenal gland; also detected in spleen, bone marrow, uterus, trachea, mammary gland and testis; levels are low in brain, heart and pancreas.

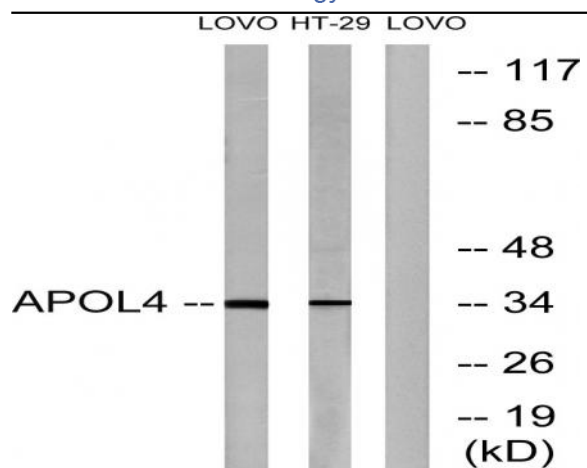
## Products Images



Immunofluorescence analysis of MCF7 cells, using APOL4 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using APOL4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO and HT-29 cells, using APOL4 Antibody. The lane on the right is blocked with the synthesized peptide.