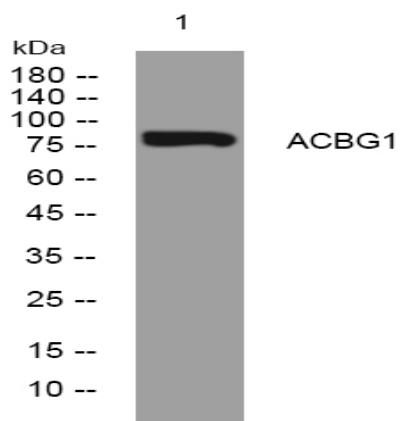


## ACBG1 rabbit pAb

<b>Catalog No :</b>	YT7764
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB
<b>Target :</b>	ACBG1
<b>Fields :</b>	>>Fatty acid biosynthesis;>>Fatty acid degradation;>>Metabolic pathways;>>Fatty acid metabolism;>>PPAR signaling pathway;>>Adipocytokine signaling pathway
<b>Gene Name :</b>	ACSBG1 BGM KIAA0631 LPD
<b>Protein Name :</b>	ACBG1
<b>Human Gene Id :</b>	23205
<b>Human Swiss Prot No :</b>	Q96GR2
<b>Mouse Gene Id :</b>	94180
<b>Mouse Swiss Prot No :</b>	Q99PU5
<b>Rat Gene Id :</b>	171410
<b>Rat Swiss Prot No :</b>	Q924N5
<b>Immunogen :</b>	Synthesized peptide derived from human ACBG1 AA range: 496-546
<b>Specificity :</b>	This antibody detects endogenous levels of ACBG1 at Human/Mouse/Rat
<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 1:500-2000

<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>Molecularweight :</b>	80kD
<b>Background :</b>	The protein encoded by this gene possesses long-chain acyl-CoA synthetase activity. It is thought to play a central role in brain very long-chain fatty acids metabolism and myelinogenesis. [provided by RefSeq, Jul 2008],
<b>Function :</b>	catalytic activity:ATP + a long-chain carboxylic acid + CoA = AMP + diphosphate + an acyl-CoA.,function:Mediates activation of long-chain fatty acids for both synthesis of cellular lipids, and degradation via beta-oxidation. Able to activate long-chain fatty acids. Also able to activate very long-chain fatty acids; however, the relevance of such activity is unclear in vivo. Can activate diverse saturated, monosaturated and polyunsaturated fatty acids.,similarity:Belongs to the ATP-dependent AMP-binding enzyme family. Bubblegum subfamily.,tissue specificity:Expressed primarily in brain. Expressed at lower level in testis and adrenal gland. Present in all regions of brain except pituitary.,
<b>Subcellular Location :</b>	Cytoplasm . Cytoplasmic vesicle . Microsome . Endoplasmic reticulum . Cell membrane .
<b>Expression :</b>	Expressed primarily in brain. Expressed at lower level in testis and adrenal gland. Present in all regions of brain except pituitary.
<b>Sort :</b>	1617
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



Western blot analysis of lysates from HeLa cells, primary antibody was diluted at 1:1000, 4° over night