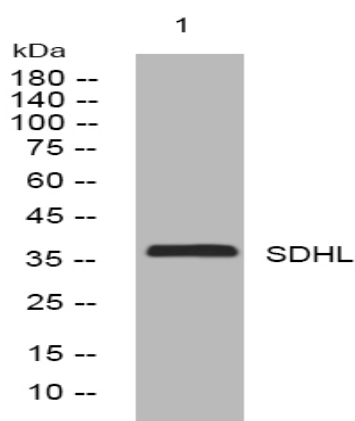


## SDHL rabbit pAb

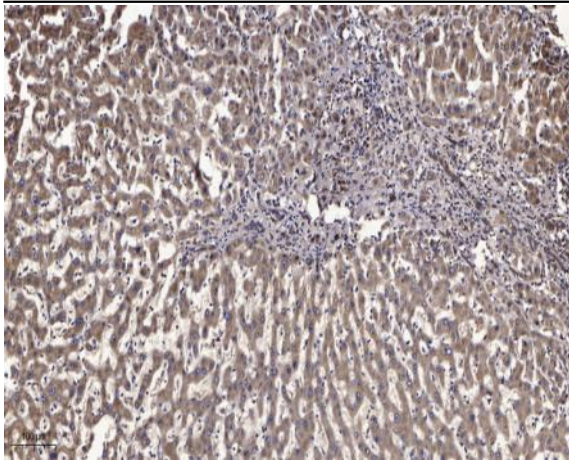
<b>Catalog No :</b>	YT7040
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	WB;ELISA;IHC
<b>Target :</b>	SDHL
<b>Fields :</b>	>>Glycine, serine and threonine metabolism;>>Cysteine and methionine metabolism;>>Valine, leucine and isoleucine biosynthesis;>>Metabolic pathways;>>Carbon metabolism;>>Biosynthesis of amino acids
<b>Gene Name :</b>	SDS SDH
<b>Protein Name :</b>	SDHL
<b>Human Gene Id :</b>	10993
<b>Human Swiss Prot No :</b>	P20132
<b>Mouse Gene Id :</b>	231691
<b>Mouse Swiss Prot No :</b>	Q8VBT2
<b>Rat Gene Id :</b>	25044
<b>Rat Swiss Prot No :</b>	P09367
<b>Immunogen :</b>	Synthesized peptide derived from human SDHL AA range: 207-257
<b>Specificity :</b>	This antibody detects endogenous levels of SDHL 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;IHC 1:50-300; ELISA 2000-20000

<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>	36kD
<b>Background :</b>	This gene encodes one of three enzymes that are involved in metabolizing serine and glycine. L-serine dehydratase converts L-serine to pyruvate and ammonia and requires pyridoxal phosphate as a cofactor. The encoded protein can also metabolize threonine to NH <sub>4</sub> <sup>+</sup> and 2-ketobutyrate. The encoded protein is found predominantly in the liver. [provided by RefSeq, Jul 2008],
<b>Function :</b>	catalytic activity:L-serine = pyruvate + NH(3).,cofactor:Pyridoxal phosphate.,pathway:Carbohydrate biosynthesis; gluconeogenesis.,similarity:Belongs to the serine/threonine dehydratase family.,subunit:Homodimer.,
<b>Subcellular Location :</b>	Cytoplasm.
<b>Sort :</b>	16195
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

## Products Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).