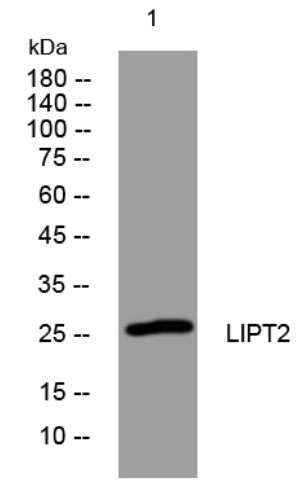
LIPT2 rabbit pAb

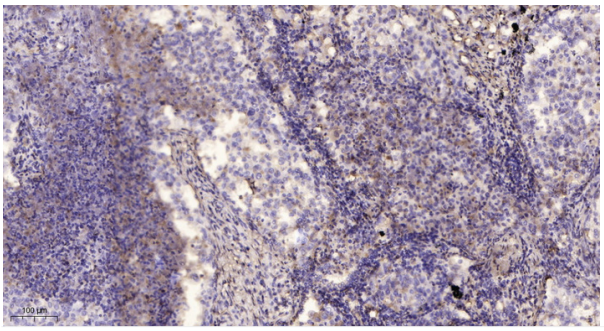
Catalog No	YP-Ab-11368
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB;IHC
Gene Name	LIPT2
Protein Name	LIPT2
Immunogen	Synthesized peptide derived from human LIPT2 AA range: 8-58
Specificity	This antibody detects endogenous levels of LIPT2 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Mitochondrion .
Tissue Specificity	
Function	catalytic activity:Octanoyl-[acyl-carrier-protein] + protein = protein N(6)-(octanoyl)lysine + [acyl-carrier-protein].,function:Catalyzes the transfer of endogenously produced octanoic acid from octanoyl-acyl-carrier-protein onto the lipoyl domains of lipoate-dependent enzymes. Lipoyl-ACP can also act as a substrate although octanoyl-ACP is likely to be the physiological substrate.,miscellaneous:In the reaction, the free carboxyl group of octanoic acid is attached via an amide linkage to the epsilon-amino group of a specific lysine residue of lipoyl domains of lipoate-dependent enzymes.,pathway:Protein modification; protein lipoylation via endogenous pathway; protein N(6)-(lipoyl)lysine from octanoyl-[acyl-carrier-protein]: step 1/2.,similarity:Belongs to the lipB family.,
Background	This gene encodes a mitochondrial protein that catalyzes the transfer of octanoic acid to lipoate-dependent enzymes such as octanoyl-ACP. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2016],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4°over night



Immunohistochemical analysis of paraffin-embedded human lung 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).