

Datasheet for ABIN5535876
anti-OTC antibody (AA 71-98)[Go to Product page](#)

3 Images

Overview

Quantity:	400 µL
Target:	OTC
Binding Specificity:	AA 71-98
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This OTC antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This OTC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 71-98 amino acids from the Central region of human OTC.
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	OTC
Alternative Name:	OTC (OTC Products)
Background:	OTC is a mitochondrial matrix enzyme. Missense, nonsense, and frameshift mutations in this enzyme lead to ornithine transcarbamylase deficiency, which causes hyperammonemia.

Target Details

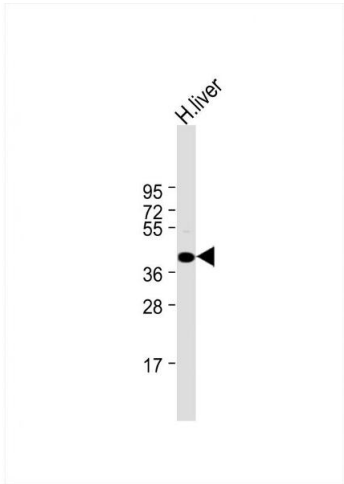
Molecular Weight:	40 kDa
Gene ID:	5009
UniProt:	P00480

Application Details

Application Notes:	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:10~50
	For FACS starting dilution is: 1:10~50
Restrictions:	For Research Use only

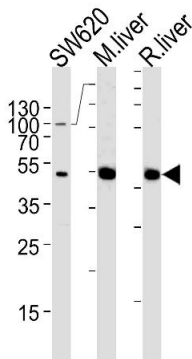
Handling

Format:	Liquid
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



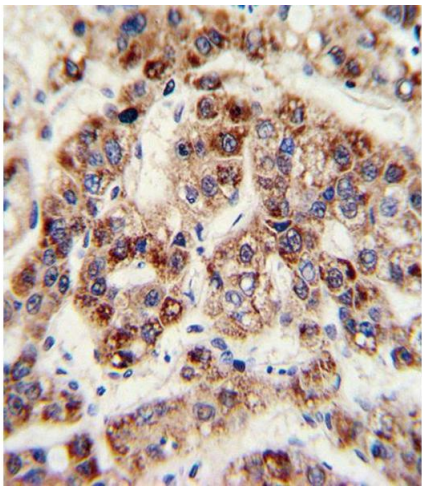
Western Blotting

Image 1. Western Blot at 1:1000 dilution + human liver lysate Lysates/proteins at 20 ug per lane.



Western Blotting

Image 2. Western blot analysis in SW620 cell line and mouse liver, *rat liver lysates* (35ug/lane).



Immunohistochemistry

Image 3. Formalin-fixed and paraffin-embedded human hepatocarcinoma with OTC Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining.