

Datasheet for ABIN392590
anti-SH3GLB1 antibody (AA 59-86)

3 Images

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Overview

Quantity:	400 µL
Target:	SH3GLB1
Binding Specificity:	AA 59-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SH3GLB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This Endophilin B1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 59-86 amino acids from human Endophilin B1.
Clone:	RB15350
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	SH3GLB1
Alternative Name:	Endophilin B1 (SH3GLB1 Products)

Target Details

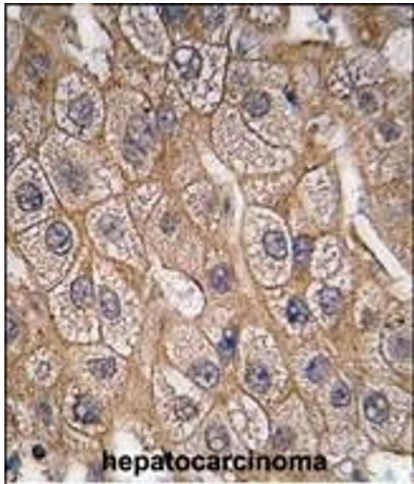
Background:	Endophilin B1 may be required for normal outer mitochondrial membrane dynamics. It is required for coatamer-mediated retrograde transport in certain cells. It may recruit other proteins to membranes with high curvature and may promote membrane fusion.
Molecular Weight:	40796
Gene ID:	51100
NCBI Accession:	NP_001193580 , NP_001193581 , NP_001193582 , NP_057093
UniProt:	Q9Y371
Pathways:	Autophagy

Application Details

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

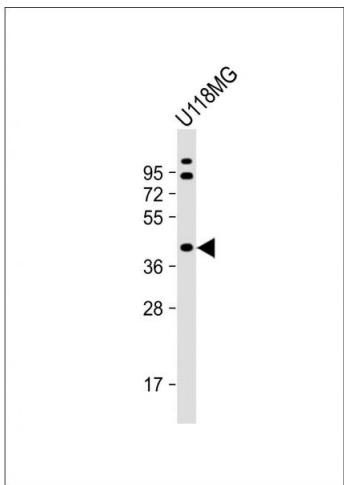
Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



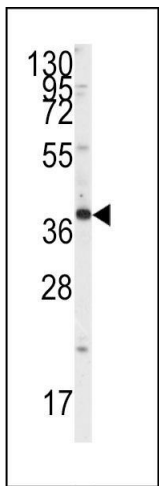
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with Endophilin B1 Antibody (Y80) (ABIN392590 and ABIN2842121) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-Endophilin Antibody (Y80) at 1:1000 dilution + U118MG whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDm/TBST.



Western Blotting

Image 3. Western blot analysis of anti-Endophilin B1 Antibody (Y80) (ABIN392590 and ABIN2842121) in HepG2 cell line lysates (35 µg/lane). SH3GLB1 (arrow) was detected using the purified Pab.