Datasheet for ABIN657079

anti-GGT7 antibody (N-Term)

2 Images

Overview

Quantity:	400 µL
Target:	GGT7
Binding Specificity:	AA 24-53, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This GGT7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 24-53 amino acids from the N-terminal region of human GGT7.
Clone:	RB32629
Isotype:	Ig Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	GGT7
Alternative Name:	GGT7 (GGT7 Products)
Background:	This gene is a member of a gene family that encodes enzymes involved in both the metabolism

Target Details

of glutathione and in the transpeptidation of amino acids. Changes in the activity of gamma-glutamyltransferase may signal preneoplastic or toxic conditions in the liver or kidney. The protein encoded by this gene consists of a heavy and a light chain, and it can interact with CT120, a plasma membrane-associated protein that is possibly involved in lung carcinogenesis.

Molecular Weight:	70467
NCBI Accession:	NP_821158
UniProt:	Q9UJ14

Application Details

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

Handling

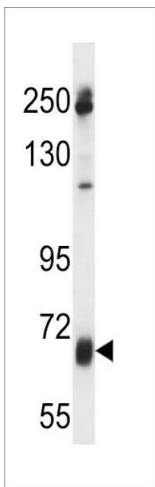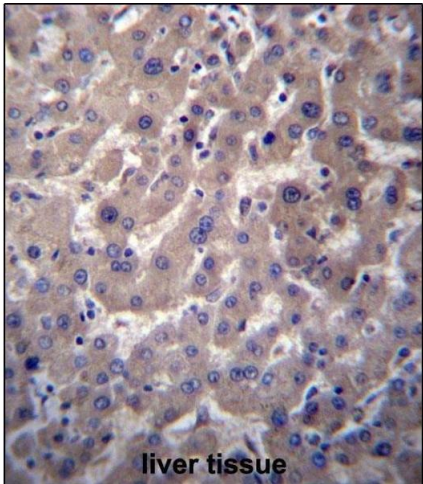|	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

Images

liver tissue

Immunohistochemistry (Paraffin-embedded Sections)

Image 1. GGT7 Antibody (N-term) (ABIN657079 and ABIN2846241) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of GGT7 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. GGT7 Antibody (N-term) (ABIN657079 and ABIN2846241) western blot analysis in uterus tumor cell line lysates (35 μg/lane).This demonstrates the GGT7 antibody detected the GGT7 protein (arrow).