

Datasheet for ABIN654918  
**anti-ITIH5 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	ITIH5
Binding Specificity:	AA 578-606, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This ITIH5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 578-606 amino acids from the C-terminal region of human ITIH5.
Clone:	RB22234
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	ITIH5
Alternative Name:	ITIH5 ( <a href="#">ITIH5 Products</a> )
Background:	This gene encodes a heavy chain component of one of the inter-alpha-trypsin inhibitor (ITI)

## Target Details

family members. ITI proteins are involved in extracellular matrix stabilization and in the prevention of tumor metastasis. They are also structurally related plasma serine protease inhibitors and are composed of a light chain and varying numbers of heavy chains. This family member is thought to function as a tumor suppressor in breast and thyroid cancers. Alternative splicing results in multiple transcript variants.

Molecular Weight: 104576

Gene ID: 80760

NCBI Accession: [NP\\_001001851](#), [NP\\_085046](#)

UniProt: [Q86UX2](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## Application Details

Application Notes: WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

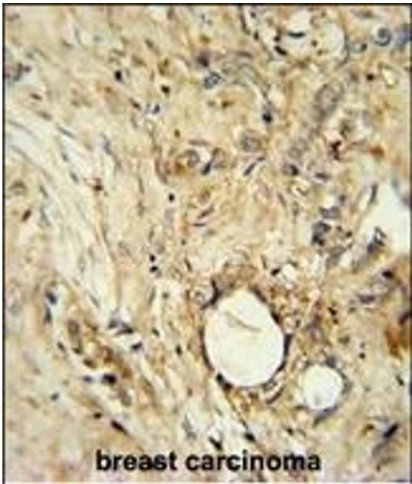
Preservative: Sodium azide

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

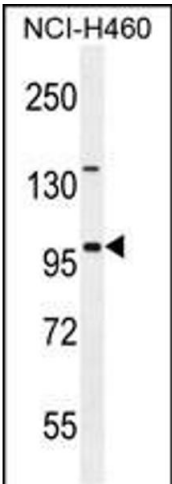
Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months



**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** ITIH5 Antibody (C-term) (ABIN654918 and ABIN2844563) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ITIH5 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** ITIH5 Antibody (C-term) (ABIN654918 and ABIN2844563) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the ITIH5 antibody detected the ITIH5 protein (arrow).