

Datasheet for ABIN952964  
**anti-ITIH5 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	0.4 mL
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)), Enzyme Immunoassay (EIA)

## Product Details

Immunogen:	KLH conjugated synthetic peptide between 578-606 amino acids from the C-terminal region of human ITIH5.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human ITIH5 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

## Target Details

Target:	ITIH5
Alternative Name:	ITIH5 ( <a href="#">ITIH5 Products</a> )

## Target Details

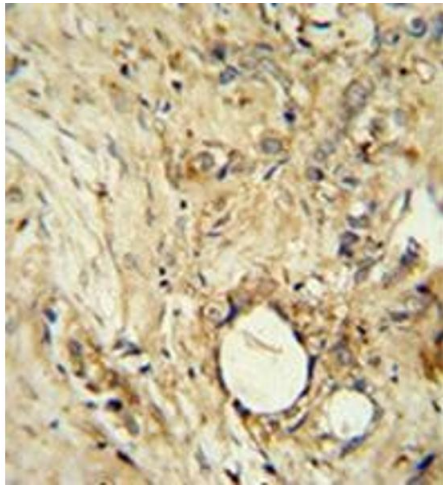
Background:	This gene encodes a heavy chain component of one of the inter-alpha-trypsin inhibitor (ITI) family members. ITI proteins are involved in extracellular matrix stabilization and in the prevention of tumor metastasis. They are also structurally related plasma serine protease inhibitors and are 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.Synonyms: Inter-alpha-trypsin inhibitor heavy chain H5, KIAA1953
Molecular Weight:	104576 Da
Gene ID:	80760
NCBI Accession:	<a href="#">NP_001001851</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

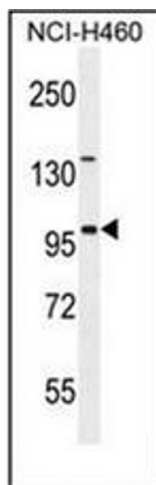
## Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma reacted with AP52256PU-N, which was peroxidase conjugated to the secondary antibody and followed by DAB staining.



#### Western Blotting

**Image 2.** Western blot analysis of ITIH5 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the ITIH5 antibody detected the ITIH5 protein (arrow).