

Datasheet for ABIN2774449
anti-ITIH5 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	ITIH5
Binding Specificity:	N-Term
Reactivity:	Human, Rabbit, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITIH5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ITIH5
Sequence:	AAFITNFTML IGDKVYQGEI TEREKKS GDR VKEKR NKTTE ENGEKGTEIF
Predicted Reactivity:	Cow: 86%, Dog: 86%, Horse: 93%, Human: 100%, Pig: 86%, Rabbit: 79%
Characteristics:	This is a rabbit polyclonal antibody against ITIH5. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	ITIH5
Alternative Name:	ITIH5 (ITIH5 Products)
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.

Alias Symbols: DKFZp686F0145, MGC10848, pp14776, ITI-HC5, PP14776

Protein Interaction Partner: BRCA1,

Protein Size: 942

Molecular Weight: 103 kDa

Gene ID: 80760

NCBI Accession: [NM_030569](#), [NP_085046](#)

UniProt: [Q86UX2](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 942 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

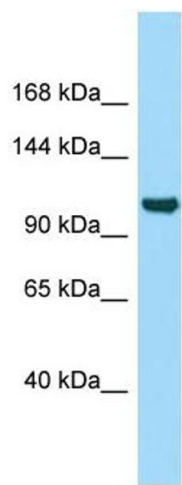
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. WB Suggested Anti-ITIH5 Antibody Titration: 1.0 ug/ml Positive Control: PANC1 Whole Cell