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## Datasheet for ABIN7453173 anti-PTRH2 antibody (AA 129-179)

### Overview

Quantity:	100 µg
Target:	PTRH2
Binding Specificity:	AA 129-179
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTRH2 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Purpose:	Rabbit anti-PTRH2/BIT1 Antibody, Affinity Purified
Immunogen:	Between AA 129 and 179
Isotype:	IgG
Purification:	Affinity Purified

### Target Details

Target:	PTRH2
Alternative Name:	PTRH2/BIT1 ( <a href="#">PTRH2 Products</a> )
Background:	Background: Peptidyl-tRNA hydrolase 2 (PTRH2) is a mitochondrial protein with two putative domains, an N-terminal mitochondrial localization sequence, and a UPF0099 domain. In vitro

## Target Details

assays suggest that this protein possesses peptidyl-tRNA hydrolase activity, to release the peptidyl moiety from tRNA, thereby preventing the accumulation of dissociated peptidyl-tRNA that could reduce the efficiency of translation. This protein also plays a role regulating cell survival and death. It promotes survival as part of an integrin-signaling pathway for cells attached to the extracellular matrix (ECM), but also promotes apoptosis in cells that have lost their attachment to the ECM, a process called anoikis [taken from NCBI Entrez Gene (Gene ID: 51651)].

Gene ID: 51651

UniProt: [Q9Y3E5](#)

## Application Details

Application Notes: IP: Not recommended  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months