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Datasheet for ABIN7167492  
**anti-RTP4 antibody (AA 1-224)**

3 Images

Overview

Quantity:	100 µg
Target:	RTP4
Binding Specificity:	AA 1-224
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RTP4 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Receptor-transporting protein 4 protein (1-224AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	RTP4
Alternative Name:	RTP4 ( <a href="#">RTP4 Products</a> )
Background:	Background: Probable chaperone protein which facilitates trafficking and functional cell surface expression of some G-protein coupled receptors (GPCRs). Promotes functional expression of

## Target Details

the bitter taste receptor TAS2R16 (PubMed:16720576). Also promotes functional expression of the opioid receptor heterodimer OPRD1-OPRM1 (By similarity).

Aliases: RTP4 antibody, IFRG28 antibody, Z3CXXC4 antibody, Receptor-transporting protein 4 antibody, 28 kDa interferon-responsive protein antibody, 3CxxC-type zinc finger protein 4 antibody

UniProt: [Q96DX8](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

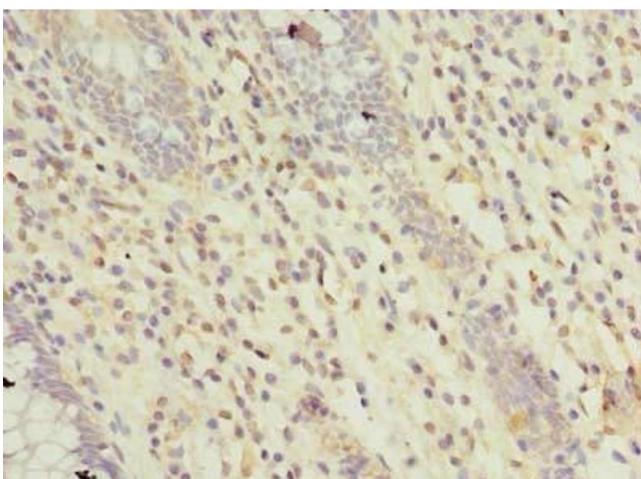
Preservative: ProClin

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

Storage: -20 °C,-80 °C

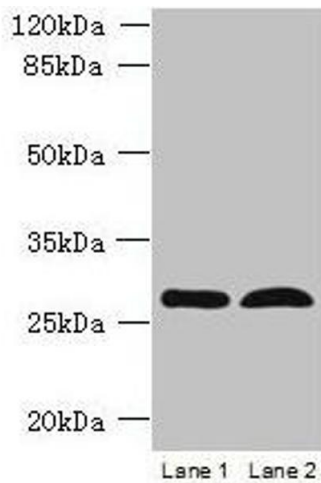
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



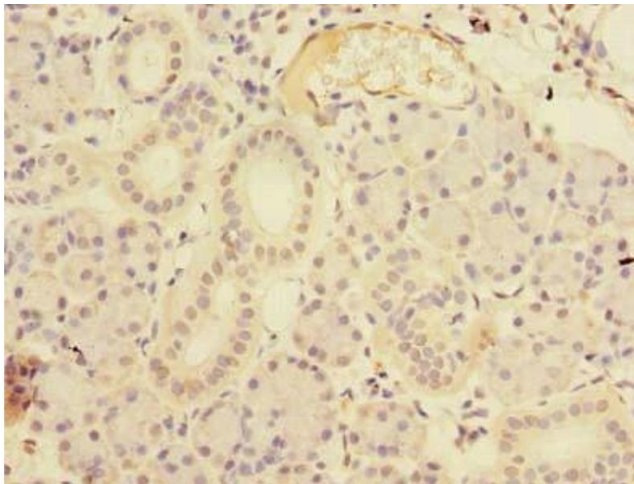
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7167492 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: RTP4 antibody at 5 µg/mL  
Lane 1: K562 whole cell lysate Lane 2: Mouse thymus tissue  
Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 28 kDa Observed band size: 28 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human pancreatic tissue using ABIN7167492 at dilution of 1:100