

Datasheet for ABIN784206
anti-RHOH antibody (C-Term)[Go to Product page](#)

4 Images

Overview

Quantity:	50 µg
Target:	RHOH
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOH antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide - KLH conjugated Remarks: Antigen Modification: C-Terminus
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total RhoH protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	RHOH
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Target Details

Alternative Name: RhoH ([RHOH Products](#))

Background: The Rho subfamily of small GTP-binding proteins mediates many fundamental cellular functions. The commonly studied members (Rho, Rac, and CDC42) regulate actin reorganization and affect diverse cellular responses, including adhesion, cytokinesis, and motility. RhoH, also known as TTF (Translocation Three Four), Rho-related GTP-binding protein and ras homolog gene family member H, is unlike most other small G proteins. Most small G proteins are expressed ubiquitously, however, Rho H is expressed only in hemopoietic cells and tissues. Translocations and a high frequency of Rho H mutation have been detected in primary lymphoma cells. Rho H expression has also been observed in activated neutrophils. RhoH is GTPase deficient, remaining in a GTP-bound activated state without cycling. Rho H may be involved in the functional differentiation of T cells and in cytoskeleton organization. The RhoH/TTF (ARHH) gene maps to chromosome 4p13 and encodes a 191 -amino acid polypeptide. Synonyms: ARHH, GTP-binding protein TTF, Rho-related GTP-binding protein RhoH, TTF, Translocation three four protein

Gene ID: 399

NCBI Accession: [NP_004301](#)

Application Details

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

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS (without Mg²⁺, Ca²⁺), pH 7.4 containing 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol.

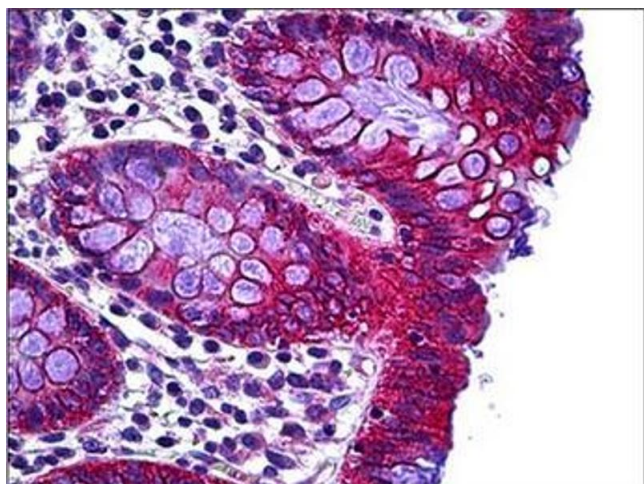
Preservative: Sodium azide

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.

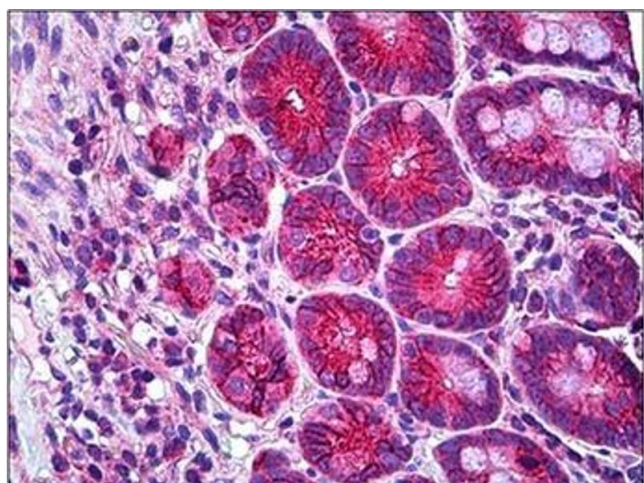
Storage: 4 °C/-20 °C

Storage Comment: Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



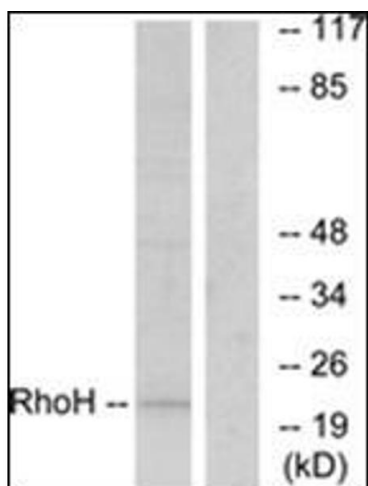
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)



Western Blotting

Image 3. Western blot analysis of extracts from HT-29 cells, using RhoH Antibody. The lane on the right is treated with the synthesized peptide.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN784206.