



Datasheet for ABIN7145885  
**anti-BTN3A1 antibody (AA 30-254)**



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3 Images

Overview

Quantity:	100 µg
Target:	BTN3A1
Binding Specificity:	AA 30-254
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BTN3A1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Butyrophilin subfamily 3 member A1 protein (30-254AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	BTN3A1
Alternative Name:	BTN3A1 ( <a href="#">BTN3A1 Products</a> )
Background:	Background: Plays a role in T-cell activation and in the adaptive immune response. Regulates the proliferation of activated T-cells. Regulates the release of cytokines and IFNG by activated

## Target Details

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T-cells. Mediates the response of T-cells toward infected and transformed cells that are characterized by high levels of phosphorylated metabolites, such as isopentenyl pyrophosphate.

Aliases: BT3A1\_HUMAN antibody, BTN3A1 antibody, Butyrophilin subfamily 3 member A1 antibody, CD277 antibody

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UniProt: [O00481](#)

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Pathways: [Activated T Cell Proliferation](#)

## Application Details

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

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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

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Preservative: ProClin

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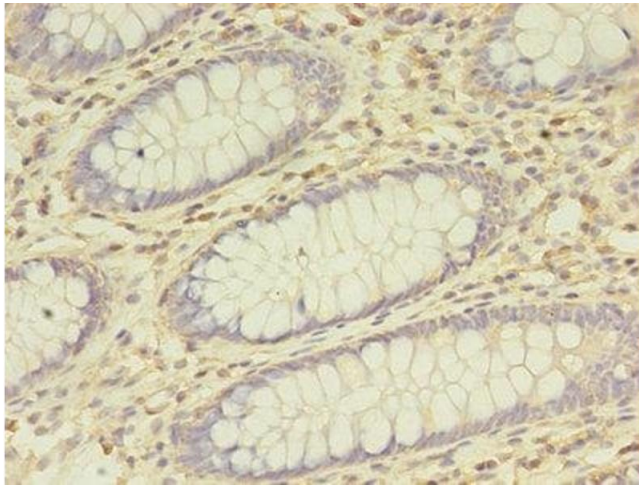
Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Storage: -20 °C,-80 °C

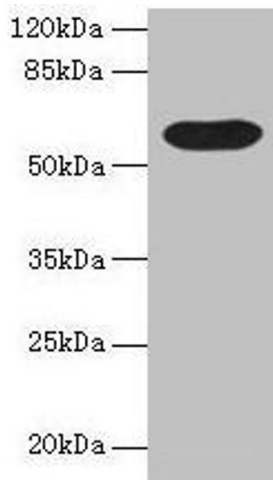
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Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



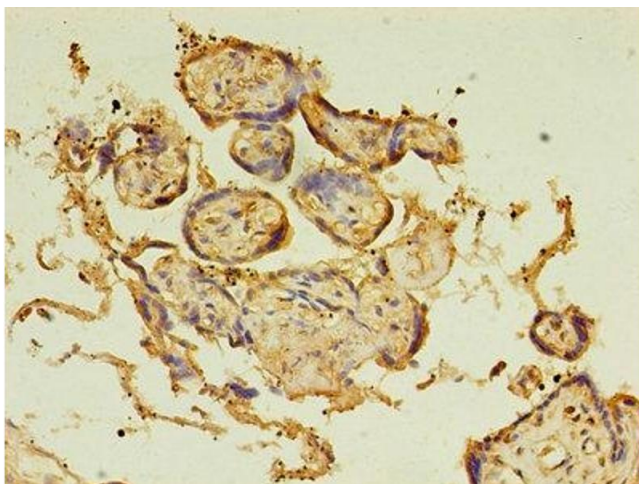
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human colon cancer using ABIN7145885 at dilution of 1:100



### Western Blotting

**Image 2.** Western blot All lanes: BTN3A1 antibody at 12  $\mu$ g/mL + Mouse liver tissue Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 58, 40, 42, 53 kDa Observed band size: 58 kDa



### Immunohistochemistry

**Image 3.** Immunohistochemistry of paraffin-embedded human placenta tissue using ABIN7145885 at dilution of 1:100