

## Datasheet for ABIN3031394 **anti-ITGA3 antibody (N-Term)**



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### 5 Images

#### Overview

Quantity:	100 µg
Target:	ITGA3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### Product Details

Immunogen:	An amino acid sequence from the N-terminus of human ITG3A (LFGYSVALHRQTERQQR) was used as the immunogen for this Integrin alpha 3 antibody (100% homologous in human, mouse and rat).
Isotype:	IgG
Purification:	Antigen affinity

#### Target Details

Target:	ITGA3
Alternative Name:	Integrin alpha 3 ( <a href="#">ITGA3 Products</a> )
Background:	ITGA3 (Integrin alpha 3), also called CD49C, VLA3 or GAPB3, is a protein that in humans is encoded by the ITGA3 gene. It is an integrin alpha subunit which is also a member of the family

## Target Details

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of cell surface adhesion molecules. It is mapped to chromosome 17 and its exact cytogenetic location is 17q21.33. ITGA3 makes up half of the alpha3beta1 integrin duplex that plays a role in neural migration and corticogenesis together with beta-1 subunit. A functional link between DAB1 phosphorylation and ITGA3 signaling drives the timely detachment of migrating neurons from radial glial fibers. Expression of the human protein increased the infectivity of virus for Chinese hamster ovary cells. ITGA3 also contains 13 potential N-glycosylation sites, two potential cleavage sites, and the the N-terminal repeating units characteristic of ITGAs.

UniProt: [P26006](#)

Pathways: [CXCR4-mediated Signaling Events](#), [Integrin Complex](#)

## Application Details

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Application Notes: The stated application concentrations are suggested starting amounts. Titration of the Integrin alpha 3 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 0.5-1 µg/mL,IHC (Paraffin): 0.5-1 µg/mL

Restrictions: For Research Use only

## Handling

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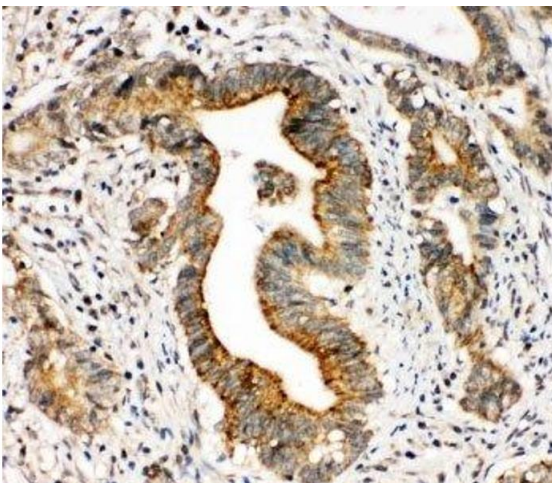
Buffer: 0.5 mg/mL if reconstituted with 0.2 mL sterile DI water

Storage: -20 °C

Storage Comment: After reconstitution, the Integrin alpha 3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

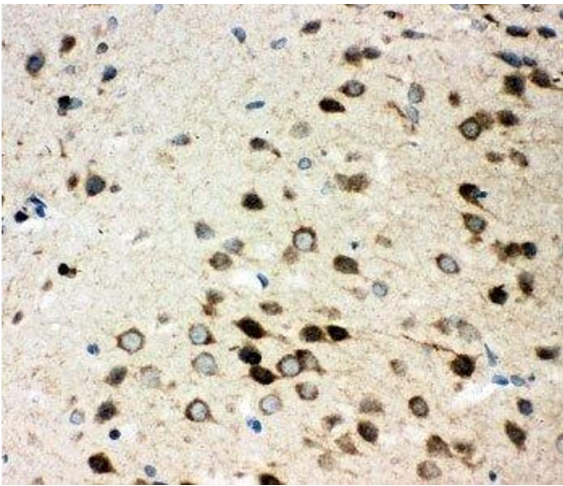
## Images

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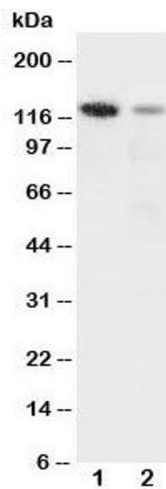
### Immunohistochemistry

**Image 1.** IHC-P: Integrin alpha 3 antibody testing of human intestinal cancer tissue



### Immunohistochemistry

**Image 2.** IHC-P: Integrin alpha 3 antibody testing of rat brain tissue



### Western Blotting

**Image 3.** Western blot testing of Integrin alpha 3 antibody and Lane 1: rat heart; 2: HeLa cell lysate. Expected size: ~119KD

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN3031394.