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Datasheet for ABIN7139887
anti-ITGA8 antibody (AA 114-131)

1 Image

Overview

| | |
|----------------------|--------------------------------------|
| Quantity: | 100 µL |
| Target: | ITGA8 |
| Binding Specificity: | AA 114-131 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ITGA8 antibody is un-conjugated |
| Application: | ELISA, Immunohistochemistry (IHC) |

Product Details

| | |
|-------------------|--|
| Immunogen: | Peptide sequence from Human Integrin alpha-8 protein (114-131AA) |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Purification: | >95%, Protein G purified |

Target Details

| | |
|-------------------|---|
| Target: | ITGA8 |
| Alternative Name: | ITGA8 (ITGA8 Products) |
| Background: | Background: Integrin alpha-8/beta-1 functions in the genesis of kidney and probably of other organs by regulating the recruitment of mesenchymal cells into epithelial structures. It |

Target Details

recognizes the sequence R-G-D in a wide array of ligands including TNC, FN1, SPP1 TGFB1, TGFB3 and VTN. NPNT is probably its functional ligand in kidney genesis. Neuronal receptor for TNC it mediates cell-cell interactions and regulates neurite outgrowth of sensory and motor neurons.

Aliases: Integrin alpha 8 antibody, Integrin alpha-8 heavy chain antibody, Integrin alpha-8 light chain antibody, ITA8_HUMAN antibody, ITGA 8 antibody, ITGA8 antibody

UniProt: [P53708](#)

Application Details

Application Notes: Recommended dilution: IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

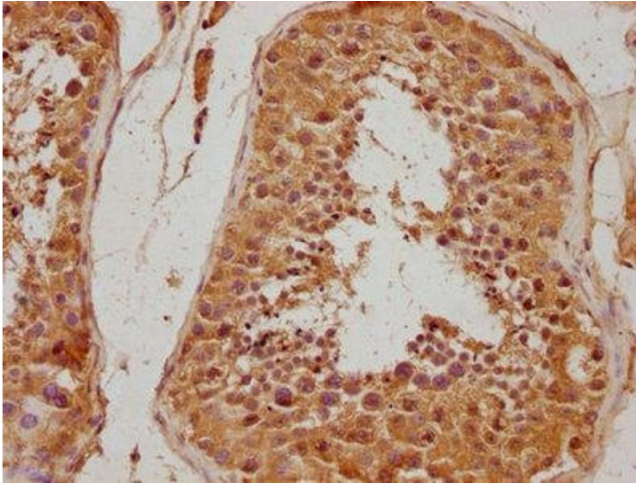
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunohistochemistry

Image 1. IHC image of ABIN7139887 diluted at 1:500 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.