

# ITGA6X1B Polyclonal antibody

Catalog Number: 20232-1-AP

1 Publications

## Basic Information

**Catalog Number:**

20232-1-AP

**Size:**

330 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

NM\_001079818

**GeneID (NCBI):**

3655

**UNIPROT ID:**

P23229

**Full Name:**

integrin, alpha 6

**Calculated MW:**

127 kDa

**Observed MW:**

62 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:3000

## Applications

**Tested Applications:**

WB, ELISA

**Cited Applications:**

WB, IF

**Species Specificity:**

human, mouse, rat

**Cited Species:**

rat

**Positive Controls:**

WB : mouse heart tissue, mouse kidney tissue

## Background Information

ITGA6, also named as ITGA6B, CD49f and VLA-6, belongs to the integrin alpha chain family. It is a receptor for laminin on platelets. ITGA6 is a receptor for laminin in epithelial cells and it plays a critical structural role in the hemidesmosome. Defects in ITGA6 are a cause of epidermolysis bullosa letalis with pyloric atresia (EB-PA) which also known as junctional epidermolysis bullosa with pyloric atresia (JA-EBS) or aplasia cutis congenita with gastrointestinal atresia. This antibody is specific to isoform Alpha-6X1X2B, isoform Alpha-6X1B and isoform Alpha-6X2B.

## Notable Publications

Author	Pubmed ID	Journal	Application
Jing Li	27344201	J Biomech	WB, IF

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



mouse heart tissue were subjected to SDS PAGE followed by western blot with 20232-1-AP (ITGA6-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.