

For Research Use Only

# ITGA6X1B Polyclonal antibody

Catalog Number: 20232-1-AP

1 Publications



## Basic Information

Catalog Number:

20232-1-AP

Size:

150ul , Concentration: 333 µg/ml by Bradford method using BSA as the standard;

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-JEB) 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

\*\*\* 20ul sizes contain 0.1% BSA

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## 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.