

ITGA6X1A Polyclonal antibody

Catalog Number: 20231-1-AP

Basic Information

Catalog Number:

20231-1-AP

Size:

173 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_000210

GeneID (NCBI):

3655

UNIPROT ID:

P23229

Full Name:

integrin, alpha 6

Calculated MW:

127 kDa

Observed MW:

100 kDa, 150 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse spleen tissue, mouse colon tissue

Background Information

ITGA6, also named as 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 (PA-JEB) or aplasia cutis congenita with gastrointestinal atresia. The antibody is specific to isoform Alpha-6X1A, isoform Alpha-6X2A, isoform Alpha-6X1X2A isoform7 and isoform9 of ITGA6.

Storage

Storage:

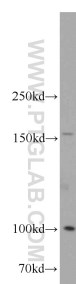
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

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

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 20231-1-AP (ITGA6-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.