

ITGA2B Rabbit Polyclonal Antibody



CAB5680

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

135kDa

Calculated MW:

103kDa/109kDa/113kDa

Applications:

WB IF

Reactivity:

Human, Mouse

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:10 - 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a member of the integrin alpha chain family of proteins. The encoded preproprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia.

Immunogen information

Gene ID:

3674

Uniprot

P08514

Synonyms:

ITGA2B; BDPLT16; BDPLT2; CD41; CD41B; GP2B; GPIIb; GT; GTA; HPA3; PPP1R93

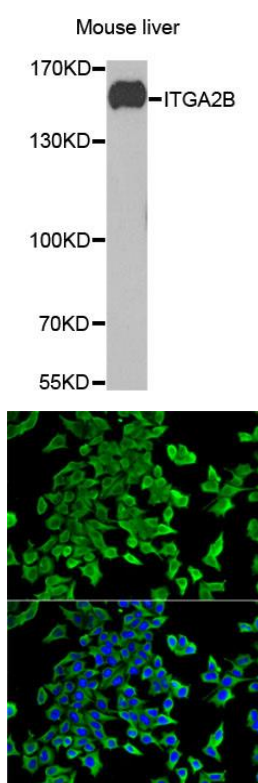
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 693-993 of human ITGA2B (NP_000410.2).

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of mouse liver, using ITGA2B antibody (CAB5680) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunofluorescence analysis of U2OS cells using ITGA2B antibody (CAB5680). Blue: DAPI for nuclear staining.