

ITGA7 Polyclonal Antibody

Catalog: BS65807 Host: Rabbit Reactivity: Hu-man, Mouse, Rat, Dog, Cow, Rabbit

BackGround:

The protein encoded by this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. They mediate a wide spectrum of cell-cell and cell-matrix interactions, and thus play a role in cell migration, morphologic development, differentiation, and metastasis. This protein functions as a receptor for the basement membrane protein laminin-1. It is mainly expressed in skeletal and cardiac muscles and may be involved in differentiation and migration processes during myogenesis. Defects in this gene are associated with congenital myopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Feb 2009]

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

~70/101/125 kDa

Swiss-Prot:

Q13683

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

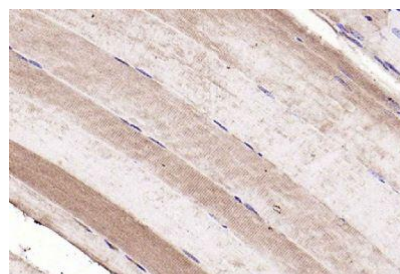
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

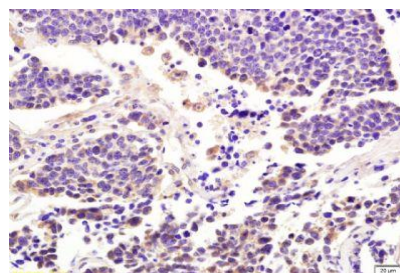
Specificity:

ITGA7 Polyclonal Antibody detects endogenous levels of ITGA7 protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (mouse skeletal muscle);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min;
Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes;
Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (ITGA7) Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C



Paraformaldehyde-fixed, paraffin embedded (human lung carcinoma) ;
Antigen retrieval by boiling in sodium citrate buffer (pH6) for 15min;
Block endogenous peroxidase by 3% hydrogen peroxide for 30 minutes;
Blocking buffer (normal goat serum) at 37 °C for 20min; Antibody incubation with Integrin alpha 7 Polyclonal Antibody, Unconjugated at 1:200 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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