10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ITGA11 Antibody (N-term) Blocking peptide
Synthetic peptide
Catalog # BP10393a

Specification

ITGA11 Antibody (N-term) Blocking peptide - Product Information

Primary Accession	Q9UKX5
Other Accession	NP_001004439.1

ITGA11 Antibody (N-term) Blocking peptide - Additional Information

Gene ID 22801

Other Names
Integrin alpha-11, ITGA11

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ITGA11 Antibody (N-term) Blocking peptide - Protein Information

Name ITGA11

Function
Integrin alpha-11/beta-1 is a receptor for collagen.

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
According to PubMed:10464311, highest levels of expression in uterus and heart, intermediate levels in skeletal muscle and intermediate to low levels in pancreas, kidney and placenta According to PubMed:10486209, also found in brain, colon, lung, small intestine, stomach, testis, salivary glands, thyroid glands and prostate. Very low levels in peripheral blood lymphocytes, fetal brain and fetal liver.

ITGA11 Antibody (N-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

ITGA11 Antibody (N-term) Blocking peptide - Images

ITGA11 Antibody (N-term) Blocking peptide - Background

This gene encodes an alpha integrin. Integrins areheterodimeric integral membrane proteins composed of an alpha chainand a beta chain. This protein contains an I domain, is expressedin muscle tissue, dimerizes with beta 1 integrin in vitro, andappears to bind collagen in this form. Therefore, the protein maybe involved in attaching muscle tissue to the extracellular matrix.Alternative transcriptional splice variants have been found forthis gene, but their biological validity is not determined.

ITGA11 Antibody (N-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Lu, N., et al. Matrix Biol. 29(3):166-176(2010)Need, A.C., et al. Hum. Mol. Genet. 18(23):4650-4661(2009)Young, R.P., et al. Postgrad Med J 85(1008):515-524(2009)Barczyk, M.M., et al. J. Dent. Res. 88(7):621-626(2009)