

ITA11 Rabbit pAb

CatalogNo: YN0235

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, ELISA

MW

- 130kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

ELISA 1:5000-20000

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human protein . at AA range: 30-110

Specificity

ITA11 Polyclonal Antibody detects endogenous levels of protein.

Target Information

Gene name

ITGA11 MSTP018

Protein Name	Integrin alpha-11		
	Organism	Gene ID	UniProt ID
	Human	22801;	Q9UKX5;
	Mouse		P61622;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	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.		
Function	developmental stage:Strongly up-regulated in differentiating fetal muscle cells (in vitro).,Domain:The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.,Function:Integrin alpha-11/beta-1 is a receptor for collagen.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 1 VWFA domain.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. Alpha-11 associates with beta-1. Interacts with RAB21.,tissue specificity:According PubMed:10464311 highest levels 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.,		

| Validation Data

| Contact information

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