

## 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  | <a href="#">22801</a> ; | <a href="#">Q9UKX5</a> ; |
|                       | Mouse  |                         | <a href="#">P61622</a> ; |
| 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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