

## SCAR5 Rabbit pAb

CatalogNo: YN1248

### Key Features

#### Host Species

- Rabbit

#### Reactivity

- Human, Mouse

#### Applications

- WB, ELISA

#### MW

- 54kD (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: 230-310

**Specificity** SCAR5 Polyclonal Antibody detects endogenous levels of protein.

### Target Information

**Gene name** SCARA5 UNQ2938/PRO28700

|                              |  |                          |                          |
|------------------------------|--|--------------------------|--------------------------|
| <b>Protein Name</b>          | Scavenger receptor class A member 5 (Scavenger receptor hlg)   |                          |                          |
|                              | <b>Organism</b>  | <b>Gene ID</b>           | <b>UniProt ID</b>        |
|                              | Human  | <a href="#">286133</a> ; | <a href="#">Q6ZMJ2</a> ; |
|                              | Mouse  |                          | <a href="#">Q8K299</a> ; |
| <b>Cellular Localization</b> | Cell membrane ; Single-pass type II membrane protein .   |                          |                          |
| <b>Tissue specificity</b>    | Adipose tissue,Muscle,   |                          |                          |
| <b>Function</b>              | Function:Ferritin receptor that mediates non-transferrin-dependent delivery of iron. Mediates cellular uptake of ferritin-bound iron by stimulating ferritin endocytosis from the cell surface with consequent iron delivery within the cell. Delivery of iron to cells by ferritin is required for the development of specific cell types, suggesting the existence of cell type-specific mechanisms of iron traffic in organogenesis, which alternatively utilize transferrin or non-transferrin iron delivery pathways. Ferritin mediates iron uptake in capsule cells of the developing kidney. Binds preferentially ferritin light chain (FTL) compared to heavy chain (FTH1).,similarity:Belongs to the SCARA5 family.,similarity:Contains 1 collagen-like domain.,similarity:Contains 1 SRCR domain.,subunit:Homotrimer., |                          |                          |

| Validation Data

| Contact information

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