



SCAR5 Polyclonal Antibody

Catalog No	YP-Ab-06119
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	SCARA5 UNQ2938/PRO28700
Immunogen	Synthesized peptide derived from human protein . at AA range: 230-310
Specificity	SCAR5 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Scavenger receptor class A member 5;Scavenger receptor hlg;UNQ2938/PRO28700;SCAR5;SCARA5 UNQ2938/PRO28700;Scavenger receptor class A member 5 (Scavenger receptor hlg)
Observed Band	43 kDa
Calculated Molecular Weight	54 kDa
Cell Pathway	Cell membrane ; Single-pass type II membrane protein .
Tissue Specificity	Adipose tissue,Muscle,
Function	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.,

**Background**

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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images