



# SCAR5 rabbit pAb

Cat No.:ES10194

For research use only

## Overview

<b>Product Name</b>	SCAR5 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 230-310
<b>Specificity</b>	SCAR5 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C . Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Scavenger receptor class A member 5 (Scavenger receptor hlg)
<b>Gene Name</b>	SCARA5 UNQ2938/PRO28700
<b>Cellular localization</b>	Cell membrane ; Single-pass type II membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	54kD
<b>Human Gene ID</b>	286133
<b>Human Swiss-Prot Number</b>	Q6ZMJ2
<b>Alternative Names</b>	
<b>Background</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





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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.,



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