



# Anti-SCARA5 (C-terminal) polyclonal antibody (DPABH-12400)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	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).
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<b>Immunogen</b>	17 amino acid synthetic peptide near the carboxy terminus of Human SCARA5.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, ICC, WB, IHC-P
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituent: 99% PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

# GENE INFORMATION

Gene Name	<a href="#">SCARA5 scavenger receptor class A, member 5 (putative) [ Homo sapiens ]</a>
Official Symbol	SCARA5
Synonyms	SCARA5; scavenger receptor class A, member 5 (putative); scavenger receptor class A member 5; FLJ23907; MGC45780; NET33; scavenger receptor hlg; testis expressed scavenger receptor; Tesr;
Entrez Gene ID	<a href="#">286133</a>
Protein Refseq	<a href="#">NP_776194</a>
UniProt ID	<a href="#">Q6ZMJ2</a>
Chromosome Location	8p21.1
Function	ferritin receptor activity; receptor activity; scavenger receptor activity;