

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-SCARA5



Numéro de catalogue: 55390-1-AP

1 Publications

Informations de base

Numéro de catalogue: 55390-1-AP	Numéro d'acquisition GenBank: NM_173833	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop and 527 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 286133	Dilutions recommandées: WB 1:200-1:1000
Hôte: Lapin	Nom complet: scavenger receptor class A, member 5 (putative)	
Isotype: IgG	MW calculé: 54 kDa	
	MW observés: 43 kDa	

Applications

Applications testées: WB, ELISA	Contrôles positifs: WB : tissu hépatique de souris,
Demandes citées: WB	
Spécificité de l'espèce: Humain, souris	
Espèces citées: souris	

Informations générales

SCARA5 belongs to the SCARA5 family. It is a ferritin receptor that mediates non-transferrin-dependent delivery of iron. SCARA5 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. SCARA5 binds preferentially ferritin light chain (FTL) compared to heavy chain (FTH1). This antibody can recognize isoform 1,2 and 3 of SCARA5.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hao Li	30714472	J Biomater Appl	WB

Stockage

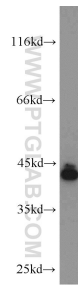
Stockage:
Stocker à -20 °C.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

For technical support and original validation data for this product please contact:
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Données de validation sélectionnées



mouse liver tissue were subjected to SDS PAGE followed by western blot with 55390-1-AP (SCARA5 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.