

SCARB2 Recombinant Rabbit mAb

Catalog # AP100031

Product Information

Application	WB, IHC-P, IHC-F, IF, IP
Primary Accession	Q14108
Other Accession	Q14108
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Recombinant
Calculated MW	54290
Physical State	Liquid
Immunogen	A synthesized peptide derived from human SCARB2
Epitope Specificity	61-100/478
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol.
SIMILARITY	Belongs to the CD36 family.
SUBUNIT	Interacts with GBA (via the coiled-coil domain).
DISEASE	Defects in SCARB2 are the cause of progressive myoclonic epilepsy type 4 with or without renal failure (EPM4) [MIM:254900]. An autosomal recessive progressive myoclonic epilepsy associated with renal failure in some cases. Cognitive function is preserved. Myoclonus is a brief, involuntary twitching of a muscle or a group of muscles. Cognitive function is preserved. Note=Genetic variants in SCARB2 can act as modifier of the phenotypic expression and severity of Gaucher disease.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting.

Additional Information

Gene ID	950
Other Names	AMRF; CD36L2; EPM4; HLGP85; LGP85; LIMP-2; LIMPII; SR-BII; 9330185J12Rik; LIMP II; MLGP85; SCRB2_HUMAN; SCARB2; 85 kDa lysosomal membrane sialoglycoprotein (LGP85); CD36 antigen-like 2; Lysosome membrane protein II (LIMP II); Scavenger receptor class B member 2; LIMP2; SCRB2_MOUSE; SCRB2_RAT; CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 (lysosomal integral membrane protein II); lysosome membrane protein 2; lysosomal integral membrane protein II
Dilution	WB=1:500-2000,IHC-P=1:200-500,IHC-F=1:200-500,IP=1:20-50,Flow-Cyt=1:50-100,IF=1:200-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When

reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	SCARB2
Synonyms	CD36L2, LIMP2, LIMPII
Function	Acts as a lysosomal receptor for glucosylceramidase (GBA1) targeting.
Cellular Location	Lysosome membrane; Multi-pass membrane protein

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.