SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-ABCA5/AF647 Conjugated antibody

Catalog Number: SL7940R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-ABCA5/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human ABCA5
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IF=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted:Human,Mouse,Rat,Sheep)
Background:	background: ABCA5 is a member of the superfamily of ATP binding cassette (ABC) transporters. ABC proteins transport various molecules across extra and intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). ABCA5 is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. ABCA5 is localized in the lysosome, late endosome and Golgi apparatus membrane and is thought to play a role in the processing of autolysosomes. **Function:** May play a role in the processing of autolysosomes (By similarity). **Subcellular Location:** Lysosome membrane; Multi-pass membrane protein. Late endosome membrane; Multi-pass membrane protein. Golgi apparatus membrane; Multi-pass membrane protein (By similarity). **Tissue Specificity:** Ubiquitously expressed. Highly expressed in testis, skeletal muscle, kidney, liver and placenta.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Post-translational modifications: N-glycosylated (By similarity). **Similarity:** Belongs to the ABC transporter superfamily. ABCA family. Contains 2 ABC transporter domains. **Database links:** UniProtKB/Swiss-Prot: Q8WWZ7.2 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.