SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-DCBLD2/AF647 Conjugated antibody

Catalog Number: SL5834R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-DCBLD2/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human DCBLD2
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,Dog,Horse)
Background:	background: DCBLD2, otherwise known as ESDN (endothelial and smooth muscle cell-derived neuropilin-like molecule) is a novel type-I transmembrane protein with the longest cleavable secretory signal sequence among eukaryotes. It is expressed in various tissues; particularly highly expressed in cultured vascular smooth muscle cells. DCBLD2 is considered to play a role in regulation of vascular cell growth and may have a wide variety of functions in other tissues including the nervous system, like neuropilins. **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Tissue Specificity:** Highly expressed in testis, heart, skeletal muscle and also in cultured vascular smooth muscle cells. **Similarity:** Contains 1 CUB domain. Contains 1 F5/8 type C domain. Contains 1 LCCL domain. **Database links:** **Entrez Gene:** 131566 Human

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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	Entrez Gene: 73379 Mouse **Entrez Gene:** 155696 Rat Omim: 608698 Human **SwissProt:** Q96PD2 Human **SwissProt:** Q91ZV3 Mouse **SwissProt:** Q91ZV2 Rat **Unigene:** 203691 Human **Unigene:** 373589 Mouse **Unigene:** 157411 Rat Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.