SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Marker Primary Antibody]

Rabbit Anti-Glypican 6/AF647 Conjugated antibody

Catalog Number: SL2177R-AF647

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-Glypican 6/AF647
Immunogen:	KLH conjugated synthetic peptide derived from human Glypican 6
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:	Flow-Cyt=1μg/Test not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human(predicted:Mouse,Rat,Dog,Horse,Rabbit)
Background:	background: Glypican 6 is a putative cell surface coreceptor for growth factors, extracellular matrix proteins, proteases and anti proteases. The glypicans comprise a family of glycosylphosphatidylinositol anchored heparan sulfate proteoglycans. The glypicans have been implicated in the control of cell growth and division. **Function:** Cell surface proteoglycan that bears heparan sulfate. Putative cell surface coreceptor for growth factors, extracellular matrix proteins, proteases and anti-proteases. **Subcellular Location:** Cell membrane; Lipid-anchor, GPI-anchor; Extracellular side. Secreted glypican-6: Secreted, extracellular space. **Tissue Specificity:** Widely expressed. High expression in fetal kidney and lung and lower expressions in fetal liver and brain. In adult tissues, very abundant in ovary, high levels also observed in liver, kidney, small intestine and colon. Not detected in peripheral blood leukocytes. DISEASE: Defects in GPC6 are a cause of omodysplasia type 1 (OMOD1)

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	[MIM:258315]. OMOD1 is a rare autosomal recessive skeletal dysplasia characterized by severe congenital micromelia with shortening and distal tapering of the humeri and femora to give a club-like appearance. Typical facial features include a prominent forehead, frontal bossing, short nose with a depressed broad bridge, short columella, anteverted nostrils, long philtrum, and small chin. **Similarity:** Belongs to the glypican family. Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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