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

[Primary Antibody]

Rabbit Anti-Syndecan 3 antibody

Catalog Number: SL15503R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Syndecan 3
Immunogen:	KLH conjugated synthetic peptide derived from human Syndecan 3: 351-442/442 <Cytoplasmic>
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	ELISA=1:5000-10000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	45kDa
Subcellular Location:	The cell membrane
Background:	The protein encoded by this gene belongs to the syndecan proteoglycan family. It may play a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism. Allelic variants of this gene have been associated with obesity. [provided by RefSeq, Oct 2009]. **Function:** Cell surface proteoglycan that may bear heparan sulfate (By similarity). May have a role in the organization of cell shape by affecting the actin cytoskeleton, possibly by transferring signals from the cell surface in a sugar-dependent mechanism. **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Tissue Specificity:** Expressed in the nervous system, the adrenal gland, and the spleen. **Post-translational modifications:** O-glycosylated within the Thr/Ser-rich

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

	region which could interact with lectin domains on other molecules (Probable). **Similarity:** Belongs to the syndecan proteoglycan family. **Database links:** **Entrez Gene:** 9672 Human **Entrez Gene:** 20970 Mouse **Entrez Gene:** 116673 Rat Omim: 186357 Human **SwissProt:** O75056 Human **SwissProt:** Q64519 Mouse **SwissProt:** P33671 Rat **Unigene:** 158287 Human **Unigene:** 206536 Mouse **Unigene:** 10504 Rat

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