



Rabbit Anti-EXTL2 antibody

SL6005R

Product Name:	EXTL2
Chinese Name:	外生性骨疣样蛋白2抗体
Alias:	Alpha 1 4 N acetylhexosaminyltransferase EXTL2; Alpha GalNAcT EXTL2; Exostoses (multiple) like 2; Exostoses multiple like 2; Exostosin like 2; EXT L2; EXT related protein 2; EXTL 2; EXTR 2; EXTR2; Glucuronyl galactosyl proteoglycan 4 alpha N acetylglucosaminyltransferase; Multiple exostoses like 2; Processed exostosin like 2; EXTL2 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,Sheep,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	37kDa
Cellular localization:	cytoplasmicThe cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human EXTL:5-110/330
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	EXTL2 is a glycosyltransferase required for the biosynthesis of heparan-sulfate and is responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate

chains.

Function:

Glycosyltransferase required for the biosynthesis of heparan-sulfate and responsible for the alternating addition of beta-1-4-linked glucuronic acid (GlcA) and alpha-1-4-linked N-acetylglucosamine (GlcNAc) units to nascent heparan sulfate chains.

Subcellular Location:

Endoplasmic reticulum membrane; Single-pass type II membrane protein .
Processed exostosin-like 2: Secreted. Note=A soluble form is found in the serum.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

The soluble form derives from the membrane form by proteolytic processing.

Similarity:

Belongs to the glycosyltransferase 47 family.

SWISS:

Q9UBQ6

Gene ID:

BC045681

Database links:

[Entrez Gene: 2135](#)Human

[Entrez Gene: 58193](#)Mouse

[GenBank: BC045681](#)Human

[Omim: 602411](#)Human

[SwissProt: Q9UBQ6](#)Human

[SwissProt: Q9ES89](#)Mouse

[Unigene: 357637](#)Human

Important Note:

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