

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.
Research Area	Tumour immunology Signal transduction Cytoskeleton
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted: Human, Mouse, Rat, Dog, Pig, Horse, Rabbit, Sheep,) IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000 (Paraffin sections need antigen repair)
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	37kDa
Cellular localization	cytoplasmic The cell membrane Secretory protein
Form	Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from human EXTL: 5-110/330
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed

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.

Product Detail

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



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