

EPYC Polyclonal Antibody

Catalog No :	YN2271
Reactivity :	Human;Mouse
Applications :	WB;ELISA
Target :	EPYC
Gene Name :	EPYC DSPG3 PGLB SLRR3B
Protein Name :	Epiphykan (Dermatan sulfate proteoglycan 3) (Proteoglycan-Lb) (PG-Lb) (Small chondroitin/dermatan sulfate proteoglycan)
Human Gene Id :	1833
Human Swiss Prot No :	Q99645
Mouse Swiss Prot No :	P70186
Immunogen :	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity :	EPYC Polyclonal Antibody detects endogenous levels of protein.
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 ELISA 1:5000-20000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	35kD

Background : epiphycan(EPYC) Homo sapiens Dermatan sulfate proteoglycan 3 is a member of the small leucine-rich repeat proteoglycan family. This gene is composed of seven exons. It regulates fibrillogenesis by interacting with collagen fibrils and other extracellular matrix proteins. [provided by RefSeq, Jul 2008],

Function : function:May have a role in bone formation and also in establishing the ordered structure of cartilage through matrix organization.,PTM:The O-linked polysaccharides on Thr-60 and Ser-96 are probably the mucin type linked to GalNAc. There is one glycosaminoglycan chain, known to be dermatan sulfate, and it is probably the O-glycosylation at Ser-64.,similarity:Belongs to the small leucine-rich proteoglycan (SLRP) family. Class III subfamily.,similarity:Contains 7 LRR (leucine-rich) repeats.,tissue specificity:Cartilage, ligament, and placenta.,

Subcellular Location : Secreted, extracellular space, extracellular matrix .

Expression : Cartilage, ligament, and placenta.

Sort : 18988

No4 : 1

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