

Anti-Decorin Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Pig,Cow,Horse,Rabbit,Sheep,GuineaPig)
Molecular Weight:	Theoretical: 36 kDa. Actual: 110 kDa.
Purification:	Protein A purified

Applications

Sample:	Lane 1: Human U2os cell lysates Lane 2: Human Huvec cell lysates
Verified Activity:	Primary: Anti-Decorin (TMAB-05053) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kD Observed band size: 110 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human DCN
Antigen Species:	Human
Gene ID:	1634
Uniprot ID:	P07585

Research Background

Decorin is a member of the small, leucine rich proteoglycan (SLRP) family along with biglycan. Found in the interterritorial region of cartilage, decorin interacts with collagen and other matrix proteins to regulate the cartilaginous matrix. It has been shown to interact with fibronectin, thrombospondin, C1q, epidermal growth factor receptor (EGFR), and TGF beta. It is believed that decorin also plays a role in the cell cycle of chondrocytes. Also known as: Decorin; Bone proteoglycan II; CSCD; DCN; DCN protein; Dermatan sulphate proteoglycans II; DKFZp686J19238; DSPG 2; DSPG2; PG 40; PG II; PG S2; PG40; PGII; PGS 2; PGS2; Proteoglycan core protein; SLRR1B; Small leucine rich protein 1B.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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