

## Product datasheet for **TA318941**

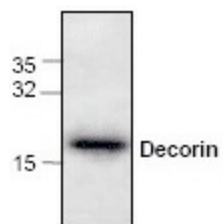
### Decorin (DCN) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 0.5-4ug/ml
Reactivity:	Human, Mouse, Rat, Rabbit, Pig
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide surrounding amino acid 130 of human Decorin
Formulation:	100 µg (0.5 mg/ml) affinity purified rabbit anti-Decorin polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 25% glycerol, 0.5% BSA, and 0.01% thimerosal.
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	decorin
Database Link:	<a href="#">NP_598014</a> <a href="#">Entrez Gene 13179 Mouse</a> <a href="#">Entrez Gene 29139 Rat</a> <a href="#">Entrez Gene 1634 Human</a> <a href="#">P07585</a>
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-β. It is believed that decorin also plays a role in the cell cycle of chondrocytes.
Synonyms:	CSCD; DSPG2; PG40; PGII; PGS2; SLRR1B
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	TGF-beta signaling pathway



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**Product images:**

Western blot analysis of Decorin in Jurkat cell lysate.