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# Decorin Polyclonal Antibody

**Cat #:** G-AB-09517

**Host:** Rabbit **Reactivity:** Human, Mouse, Rat

**Isotype:** IgG **Clonality:**

**Overview:**
This gene encodes a member of the small leucine-rich proteoglycan family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. This protein plays a role in collagen fibril assembly. Binding of this protein to multiple cell surface receptors mediates its role in tumor suppression, including a stimulatory effect on autophagy and inflammation and an inhibitory effect on angiogenesis and tumorigenesis. This gene and the related gene biglycan are thought to be the result of a gene duplication. Mutations in this gene are associated with congenital stromal corneal dystrophy in human patients.

**Gene ID:** 1634

**Accession #:**

**Immunogen:** Recombinant fusion protein of human Decorin (NP_598010.1).

**Conjugation:** Unconjugated

**Swissprot:** P07585

**Calculated Molecular Weight:**

**Observed Molecular Weight:**

**Concentration:** 1 mg/mL

**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3

**Purification Method:** Affinity purification

**Application:** IHC,IF

**Dilution:** IHC 1:50-1:200 IF 1:50-1:200

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.