



## Anti-CHPF2 (full length) polyclonal antibody (DPABH-08172)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

|                            |  |
|----------------------------|--|
| <b>Antigen Description</b> | Transfers glucuronic acid (GlcUA) from UDP-GlcUA to N-acetylgalactosamine residues on the non-reducing end of the elongating chondroitin polymer. Has no N-acetylgalactosaminyltransferase activity. |
| <b>Immunogen</b>           | Full length protein, corresponding to amino acids 1-772 of Human CSGLCAT (Accession number: NP_061888; UniProt ID: Q9P2E5).  |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Mouse  |
| <b>Species Reactivity</b>  | Human  |
| <b>Purification</b>        | Whole antiserum  |
| <b>Conjugate</b>           | Unconjugated   |
| <b>Applications</b>        | WB   |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 50 µl  |
| <b>Preservative</b>        | None   |
| <b>Storage</b>             | Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.  |

### GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | <a href="#">CHPF2 chondroitin polymerizing factor 3 [ Homo sapiens ]</a>  |
| <b>Official Symbol</b> | CHPF2   |
| <b>Synonyms</b>        | CHPF2; chondroitin polymerizing factor 2; ChSy-3; chPF-2; CSGlcAT; CSGLCA-T; chondroitin sulfate glucuronyltransferase; chondroitin synthase-3; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase; |
| <b>Entrez Gene ID</b>  | <a href="#">54480</a>   |
| <b>Protein Refseq</b>  | <a href="#">NP_001271224.1</a>  |
| <b>UniProt ID</b>      | <a href="#">B3KPG6</a>  |
| <b>Pathway</b>         | Chondroitin sulfate biosynthesis; Disease; Glycosaminoglycan biosynthesis - chondroitin sulfate / dermatan sulfate; Glycosaminoglycan biosynthesis, chondroitin sulfate backbone                                    |
| <b>Function</b>        | N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase activity;  |