

Rabbit anti-Human, mouse CHPF Polyclonal Antibody | anti-CHPF antibody

CHPF Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286202	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

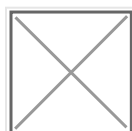
PRODUCT SYNONYMS

CHPF; Polyclonal Antibody; CHPF Antibody (Center); Chondroitin sulfate synthase 2; Chondroitin glucuronyltransferase 2; Chondroitin-polymerizing factor; ChPF; Glucuronosyl-N-acetylgalactosaminyl-proteoglycan 4-beta-N-acetylgalactosaminyltransferase II; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase II; N-acetylgalactosaminyltransferase 2; CSS2; anti-CHPF antibody

PRODUCT SPECIFICATIONS

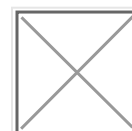
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CHPF antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 327-354 amino acids from the Central region of human CHPF.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	327-354
Sequence Length	613
Applicable Applications for anti-CHPF antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



FCM/FACS (Flow Cytometry)

CHPF Antibody (Center) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human testis tissue reacted with CHPF Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of CHPF Antibody (Center) in MDA-MB435, MCF-7, HepG2, A375 cell line and mouse testis tissue lysates (35ug/lane). CHPF (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CHPF antibody	CHPF is a protein that has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. Transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer.
References	Matsuoka,S., et.al., Science 316 (5828), 1160-1166 (2007) Colland,F., et.al., Genome Res. 14 (7), 1324-1332 (2004)

NCBI AND UNIPROT INFORMATION

NCBI GI #	307691169
NCBI GeneID	79586
NCBI Accession #	NP_001182660.1; NP_078812.2
NCBI GenBank Nucleotide #	NM_001195731.1
UniProt Accession #	Q8IZ52; Q6UXD6; Q7L4G1; Q9H0F8; Q9H618; B4DXU0
Molecular Weight	85467
NCBI Official Full Name	chondroitin sulfate synthase 2 isoform 2
NCBI Official Synonym Full Names	chondroitin polymerizing factor
NCBI Official Symbol	CHPF
NCBI Official Synonym Symbols	CSS2; CHSY2
NCBI Protein Information	chondroitin sulfate synthase 2
UniProt Protein Name	Chondroitin sulfate synthase 2
UniProt Gene Name	CHPF
UniProt Synonym Gene Names	CSS2; ChPF
UniProt Entry Name	CHSS2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/chpf-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286202>