

Rabbit anti-Human CSGLCAT Polyclonal Antibody | anti-CSGLCAT antibody

CSGLCAT Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324610	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

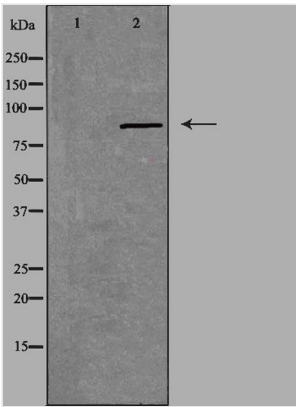
PRODUCT SYNONYMS

CSGLCAT; Polyclonal Antibody; CSGLCAT Antibody; Chondroitin glucuronyltransferase; Chondroitin polymerizing factor 2; Chondroitin sulfate glucuronyltransferase; Chondroitin synthase 3; ChPF-2; CHPF2; CHPF2_HUMAN; ChSy 3; ChSy-3; CSGLCA T; CSGlcA-T; N acetylgalactosaminyl proteoglycan 3 beta glucuronosyltransferase; N-acetylgalactosaminyl-proteoglycan 3-beta-glucuronosyltransferase; anti-CSGLCAT antibody

PRODUCT SPECIFICATIONS

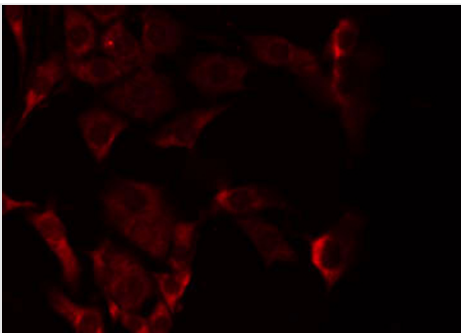
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CSGLCAT antibody detects endogenous levels of total CSGLCAT
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	772
Applicable Applications for anti-CSGLCAT antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Golgi Apparatus > Golgi Stack Membrane.
Tissue Specificity	Ubiquitous. Highly expressed in placenta, small intestine and pancreas.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Dog
Similarity	Pig (82%), Bovine (82%), Horse (91%), Sheep (82%), Dog (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from Jurkat cells, using CSGLCAT antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA324610 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CSGLCAT antibody	Function: 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. Similarity: Belongs to the chondroitin N-acetylgalactosaminyltransferase family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48717495
NCBI GeneID	54480
NCBI Accession #	NP_061888.1
NCBI GenBank Nucleotide #	NM_019015.2
UniProt Accession #	Q9P2E5; Q6P2I4; Q6UXD2; B2DBD8
Molecular Weight	Observed: 86 kD Predicted: 86 kDa
NCBI Official Full Name	chondroitin sulfate glucuronyltransferase isoform 1
NCBI Official Synonym Full Names	chondroitin polymerizing factor 2
NCBI Official Symbol	CHPF2
NCBI Official Synonym Symbols	ChSy-3; chPF-2; CSGlcAT; CSGLCA-T
NCBI Protein Information	chondroitin sulfate glucuronyltransferase
UniProt Protein Name	Chondroitin sulfate glucuronyltransferase
UniProt Gene Name	CHPF2
UniProt Synonym Gene Names	CHSY3; CSGLCAT; KIAA1402; ChPF-2; ChSy-3

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.