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Datasheet for ABIN6942559
anti-CHST7 antibody (AA 101-200) (HRP)

Overview

Quantity:	100 µL
Target:	CHST7
Binding Specificity:	AA 101-200
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHST7 antibody is conjugated to HRP
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CHST7
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Dog,Cow,Sheep,Pig,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	CHST7
Alternative Name:	CHST7 (CHST7 Products)

Target Details

Background: Synonyms: 6 O sulfotransferase 5, C6ST 2, C6ST2, Carbohydrate sulfotransferase 7, Chondroitin 6 sulfotransferase 2, CHST 7, CHST7_HUMAN, CHST7 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 7, Galactose/N acetylglucosamine/N acetylglucosamine 6 O sulfotransferase 5, GlcNAc6ST 4, Gn6st-4, GST 5, N acetylglucosamine 6 O sulfotransferase 1.

Background: This gene encodes a DNA topoisomerase, an enzyme that controls and alters the topologic states of DNA during transcription. This enzyme catalyzes the transient breaking and rejoining of a single strand of DNA which allows the strands to pass through one another, thus reducing the number of supercoils and altering the topology of DNA. This enzyme forms a complex with BLM which functions in the regulation of recombination in somatic cells.

[provided by RefSeq, Jul 2008]

Gene ID: 56548

UniProt: [Q9NS84](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date: 12 months