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Datasheet for ABIN2783650
anti-CHSY3 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CHSY3
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CHSY3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human CHSY-2
Sequence:	PPLQRRRRGR EPEGATGLPG APAAEGEPEE EDGGAAGQRR DGRPGSSHNG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 86%, Human: 100%, Mouse: 79%, Rabbit: 100%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against CHSY-2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	CHSY3
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Target Details

Alternative Name:	CHSY-2 (CHSY3 Products)
Background:	<p>CHSY-2 has both beta-1,3-glucuronic acid and beta-1,4-N-acetylgalactosamine transferase activity. CHSY-2 transfers glucuronic acid (GlcUA) from UDP-GlcUA and N-acetylgalactosamine (GalNAc) from UDP-GalNAc to the non-reducing end of the elongating chondroitin polymer. Specific activity of CHSY-2 is much reduced compared to CHSY1. CSS3 is a glycosyltransferase that has both glucuronyltransferase and N-acetylgalactosaminyltransferase activities (Yada et al., 2003 [PubMed 12907687]). [supplied by OMIM].</p> <p>Alias Symbols: CHSY2, CSS3, CHSY-2</p> <p>Protein Size: 882</p>
Molecular Weight:	100 kDa
Gene ID:	337876
NCBI Accession:	NM_175856 , NP_787052
UniProt:	Q70JA7
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 882 AA
Restrictions:	For Research Use only

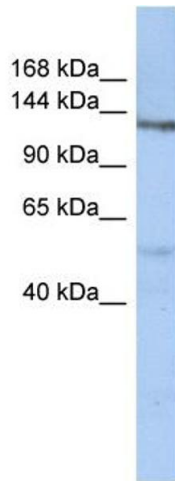
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Handling

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-CHSY-2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3 cell lysate