

Datasheet for ABIN635768 **anti-XYLT2 antibody (C-Term)**



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1 Image

Overview

Quantity:	100 µL
Target:	XYLT2
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This XYLT2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	XYLT2 antibody was raised using the C terminal of XYLT2 corresponding to a region with amino acids LRPGPWTVRLLQFWEPLGETRFLVPLTFNRKPLRKDDASWLHAGPPHN
Specificity:	XYLT2 antibody was raised against the C terminal of XYLT2
Purification:	Affinity purified

Target Details

Target:	XYLT2
Alternative Name:	XYLT2 (XYLT2 Products)
Background:	XYLT2 is an isoform of xylosyltransferase, which belongs to a family of glycosyltransferases. This enzyme transfers xylose from UDP-xylose to specific serine residues of the core protein and initiates the biosynthesis of glycosaminoglycan chains in proteoglycans including

Target Details

chondroitin sulfate, heparan sulfate, heparin and dermatan sulfate. The enzyme activity, which is increased in scleroderma patients, is a diagnostic marker for the determination of sclerotic activity in systemic sclerosis.

Molecular Weight: 97 kDa (MW of target protein)

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: XYLT2 Blocking Peptide, catalog no. 33R-5377, is also available for use as a blocking control in assays to test for specificity of this XYLT2 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of XYLT2 antibody in PBS

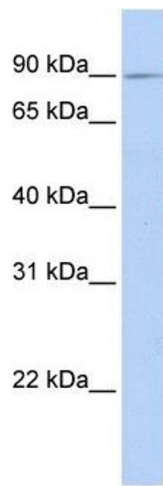
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. XYLT2 antibody used at 1 ug/ml to detect target protein.