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WBSCR17 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13159b

Product Information

Application	WB, E
Primary Accession	Q6IS24
Other Accession	NP_071924.1
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32657
Calculated MW	67751
Antigen Region	411-440

Additional Information

Gene ID	64409
Other Names	Putative polypeptide N-acetylgalactosaminyltransferase-like protein 3, Polypeptide GalNAc transferase-like protein 3, GalNAc-T-like protein 3, pp-GaNTase-like protein 3, Protein-UDP acetylgalactosaminyltransferase-like protein 3, UDP-GalNAc:polypeptide N-acetylgalactosaminyltransferase-like protein 3, Williams-Beuren syndrome chromosomal region 17 protein, WBSCR17, GALNTL3
Target/Specificity	This WBSCR17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 411-440 amino acids from the C-terminal region of human WBSCR17.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
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.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	WBSCR17 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	GALNT17 (HGNC:16347)

Function	May catalyze the initial reaction in O-linked oligosaccharide biosynthesis, the transfer of an N-acetyl-D-galactosamine residue to a serine or threonine residue on the protein receptor.
Cellular Location	Golgi apparatus membrane; Single- pass type II membrane protein
Tissue Location	Highly expressed in brain and heart. Weakly expressed in kidney, liver, lung and spleen

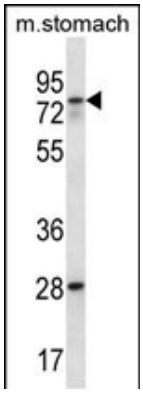
Background

This gene encodes an N-acetylgalactosaminyltransferase, which has 97% sequence identity to the mouse protein. This gene is deleted in Williams syndrome, a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. [provided by RefSeq].

References

Rose, J. Phd, et al. Mol. Med. (2010) In press :
Trynka, G., et al. Gut 58(8):1078-1083(2009)
Nakamura, N., et al. Biol. Pharm. Bull. 28(3):429-433(2005)
Merla, G., et al. Hum. Genet. 110(5):429-438(2002)
Valero, M.C., et al. Genomics 69(1):1-13(2000)

Images



WBSCR17 Antibody (C-term) (Cat. #AP13159b) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the WBSCR17 antibody detected the WBSCR17 protein (arrow).