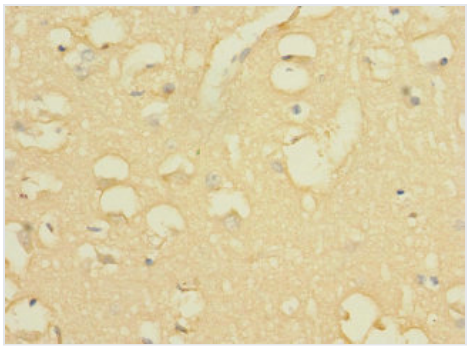
WBSCR17 Antibody – Rabbit Polyclonal

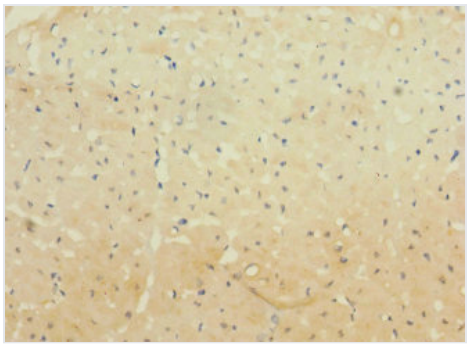
PRODUCT OVERVIEW

Product Name	WBSCR17, Polyclonal Antibody
Full Product Name	WBSCR17 Antibody
Product Gene Name	anti-WBSCR17 antibody
Product Synonym 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; polypeptide N-acetylgalactosaminyltransferase-like protein 3; Williams-Beuren syndrome chromosomal region 17 protein; WBSCR17; GALNTL3
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%,Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.
Matching Pairs	Unconjugated Antibody: WBSCR17 (MBS7000238) FITC Conjugated Antibody: WBSCR17 (MBS7000108)
Matching Pairs	Unconjugated Antibody: WBSCR17 (MBS7000238) HRP Conjugated Antibody: WBSCR17 (MBS7000358)
Matching Pairs	Unconjugated Antibody: WBSCR17 (MBS7000238) Biotin Conjugated Antibody: WBSCR17 (MBS7001783)
Molecular Weight	67,751 Da
OMIM	615137
3D Structure	ModBase 3D Structure for Q6IS24
Immunogen	Recombinant human Putative polypeptide N-acetylgalactosaminyltransferase-like protein 3 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-165881 / sc-165880
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WBSCR17 antibody	ELISA (EIA), Immunohistochemistry (IHC)
Related Product Information for anti-WBSCR17 antibody	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.
Other Notes	Small volumes of anti-WBSCR17 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for WBSCR17 purchase	MBS7000238 is an antibody targeting WBSCR17. Also known as WBSCR17 Antibody. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-WBSCR17 antibody
Immunohistochemistry of paraffin-embedded human brain tissue MBS7000238 at dilution 1:100



Immunohistochemistry (IHC) of anti-WBSCR17 antibody
Immunohistochemistry of paraffin-embedded human heart tissue MBS7000238 at dilution 1:100

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WBSCR17. It may not necessarily be applicable to this product.

NCBI GI #	22538495
NCBI GeneID	64409
NCBI Accession #	NP_071924.1
UniProt Primary Accession #	Q6IS24
UniProt Secondary Accession #	Q8NFV9; Q9NTA8
UniProt Related Accession #	Q6IS24
GenBank Nucleotide #	NM_022479.2
NCBI Official Full Name	putative polypeptide N-acetylgalactosaminyltransferase-like protein 3
NCBI Official Synonym Full Names	Williams-Beuren syndrome chromosome region 17
NCBI Official Symbol	WBSCR17
NCBI Official Synonym Symbols	GALNT16; GALNT20; GALNTL3; GALNACT17; GalNAc-T5L
UniProt Protein Name	Putative polypeptide N-acetylgalactosaminyltransferase-like protein 3
UniProt Synonym Protein Names	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
Protein Family	Putative polypeptide N-acetylgalactosaminyltransferase-like protein
UniProt Gene Name	WBSCR17
UniProt Synonym Gene Names	GALNTL3; GalNAc-T-like protein 3; pp-GaNTase-like protein 3
UniProt Entry Name	GLTL3_HUMAN
NCBI Protein Information	putative polypeptide N-acetylgalactosaminyltransferase-like protein 3
NCBI Summary for WBSCR17	This gene encodes an N-acetylgalactosaminyltransferase. This gene is located centromeric to the common deleted region in Williams-Beuren syndrome (WBS), a multisystem developmental disorder caused by the deletion of contiguous genes at 7q11.23. This protein may play a role in membrane trafficking. [provided by RefSeq, Jan 2013]

UniProt Comments for WBSCR17	WBSCR17: 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. WBSCR17 is located in the Williams-Beuren syndrome (WBS) critical region. WBS results from a hemizygous deletion of several genes on chromosome 7q11.23, thought to arise as a consequence of unequal crossing over between highly homologous low-copy repeat sequences flanking the deleted region. Belongs to the glycosyltransferase 2 family. GalNAc-T subfamily. Protein type: Transferase; EC 2.4.1.41; Glycan Metabolism - O-glycan biosynthesis; Membrane protein, integral Chromosomal Location of Human Ortholog: 7q11.23 Cellular Component: Golgi membrane; integral to membrane Molecular Function: carbohydrate binding; metal ion binding; polypeptide N-acetylgalactosaminyltransferase activity Biological Process: protein amino acid glycosylation
Research Articles on WBSCR17	**1.** a subset of O-glycosylation produced by WBSCR17 controls dynamic membrane trafficking, probably between the cell surface and the late endosomes through macropinocytosis
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/wbscr17/7000238