

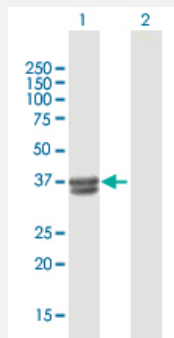
MaxPab®

B3GALT6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00126792-B01P

Size 50 ug

Applications

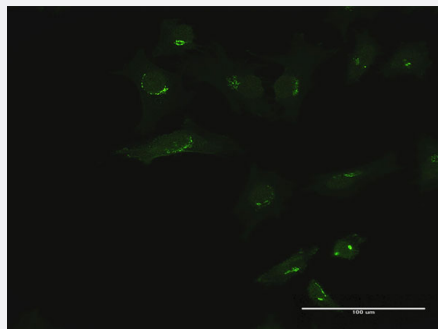


Western Blot (Transfected lysate)

Western Blot analysis of B3GALT6 expression in transfected 293T cell line () by B3GALT6 MaxPab polyclonal antibody.

Lane 1: B3GALT6 transfected lysate(36.19 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to B3GALT6 on HeLa cell. [antibody concentration 20 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human B3GALT6 protein.

Immunogen

B3GALT6 (AAI60034.1, 1 a.a. ~ 329 a.a) full-length human protein.

Sequence

MKLLRRAWRRRAALGLGTALCGAALLYLARCAAEPGDPRAMSGRSPPPPAPARAAAFGLVLV
ASAPRAAERRSVIRSTWLARRGAPGDVWARFAVGTAGLGAEEERRALEREQARHGDLLLLPALR
DAYENLTAKVLAMLAWLDEHVAFEFVLKADDDSFARLDALLAELRAREPARRRRLYWGFFSGRG
RVKPGGRWREAAWQLCDYYLPYALGGGYLSADLVHYLRSLRDYLRWHSEDVSLGAWLAPVD
VQREHDPFRFDTEYRSRGCSNQYLVTHKQSLEDMLEKHATLAREGRLCKREVQLRLSYVDWSA
PPSQCCQRREGIP

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (84)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

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[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to B3GALT6 on HeLa cell. [antibody concentration 20 ug/ml]

Gene Info — B3GALT6

Entrez GeneID	126792
GeneBank Accession#	BC160034.1
Protein Accession#	AA160034.1
Gene Name	B3GALT6
Gene Alias	beta3GalT6
Gene Description	UDP-Gal:betaGal beta 1,3-galactosyltransferase polypeptide 6
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000001756 UDP-Gal:betaGlcNAc beta 1,3-galactosyltransferase, polypeptide 6 beta-1,3-galactosyltransferase-6

Publication Reference

- [Biallelic B3GALT6 mutations cause spondylodysplastic Ehlers-Danlos syndrome.](#)

Van Damme T, Pang X, Guillemy B, Gulberti S, Syx D, De Rycke R, Kaye O, de Die-Smulders CEM, Pfundt R, Kariminejad A, Nampoothiri S, Pierquin G, Bulk S, Larson AA, Chatfield KC, Simon M, Legrand A, Gerard M, Symoens S, Fournel-Gigleux S, Malfait F.

Human Molecular Genetics 2018 Jun; [Epub].

Application: ICC, WB, Human, Human dermal fibroblasts

- [Defective Initiation of Glycosaminoglycan Synthesis due to B3GALT6 Mutations Causes a Pleiotropic Ehlers-Danlos Syndrome-like Connective Tissue Disorder.](#)

Malfait F, Kariminejad A, Van Damme T, Gauche C, Syx D, Merhi-Soussi F, Gulberti S, Symoens S, Vanhauwaert S, Willaert A, Bozorgmehr B, Kariminejad MH, Ebrahimiadib N, Hausser I, Huysseune A, Fournel-Gigleux S, De Paepe A.

American Journal of Human Genetics 2013 Jun; 92(6):935.

Application: IF, Human, Fibroblast cells

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Heparan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)