

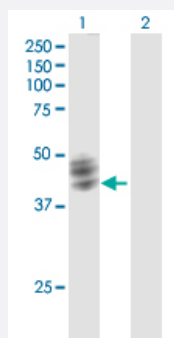
MaxPab®

FUT1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00002523-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of FUT1 expression in transfected 293T cell line ([H00002523-T01](#)) by FUT1 MaxPab polyclonal antibody.

Lane 1: FUT1 transfected lysate(40.15 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human FUT1 protein.

Immunogen

FUT1 (NP_000139.1, 1 a.a. ~ 365 a.a) full-length human protein.

Sequence

MWLRSHRQLCLAFLLVCVLSVIFFLHIHQDSFPHGLGLSILCPDRRLVTPPVAFCLPGTAMGPNAS
SSCPQHPSLSGTWTVYPNGRFGNQMGQYATLLALAQLNGRRAFILPAMHAALAPVFRITLPVLA
PEVDSRTPWRELQLHDWMSEEYADLRDPFLKLSGFPCSWTFFHHLREQIRREFTLHDHLREEAQ
SVLGQLRLGRTGDRPRTFVGHVHRRGDYLQVMPQRWKGVVGD SAYLRQAMDWFRARHEAPVF
VVTSGNGMEWCKENIDTSQGDVTFAGDGQEATPWKDFALLTQCNHTIMTIGTFGFWAAYLAGGDT
VYLANFTLPDSEFLKIFKPEAAFLPEWVGINADLSPLWTLAKP

Host

Mouse

Reactivity

Human

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.

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[Protocol Download](#)

Gene Info — FUT1

Entrez GeneID [2523](#)

GeneBank Accession# [NM_000148.2](#)

Protein Accession# [NP_000139.1](#)

Gene Name FUT1

Gene Alias H, HH, HSC

Gene Description fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group)

Omim ID [211100](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a Golgi stack membrane protein that is involved in the creation of a precursor of the H antigen, which is required for the final step in the soluble A and B antigen synthesis pathway. This gene is one of two encoding the galactoside 2-L-fucosyltransferase enzyme. Mutations in this gene are a cause of the H-Bombay blood group. [provided by RefSeq]

Other Designations 2-alpha-L-fucosyltransferase|GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1|alpha (1,2) fucosyltransferase|blood group H alpha 2-fucosyltransferase|fucosyltransferase 1|fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase)|fucosyl

Pathway

- [Glycosphingolipid biosynthesis - globo series](#)
- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)