

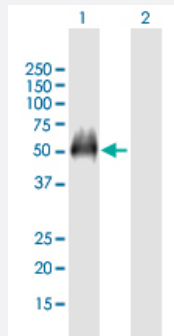
MaxPab®

FUT1 MaxPab mouse polyclonal antibody (B01)

Catalog # H00002523-B01

Size 50 uL

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	MWLRSHRQLCLAFLLVCVLSVIFFLHHQDSFPHGLGLSILCPDRRLVTPPVAFCLPGTAMGPNAS SSCPQHPSLSGTWTVYPNGRFGNQMGQYATLLALAQLNGRRAFILPAMHAALAPVFRITLPVLA PEVDSRTPWRELQLHDWMSEEYADLRDPFLKLSGFPCSWTFFHHLREQIRREFTLHDHLREEAQ SVLGQLRLGRTGDRPRTFVGHVHRRGDYLQVMPQRWKGVVGD SAYLRQAMDWFRARHEAPVF VVTSGMEWCKENIDTSQGDVTFAGDGQEATPWKDFALLTQCNHTIMTIGTFGFWAAYLAGGDT VYLANFTLPDSEFLKIFKPEAAFLPEWVGINADLSPLWTLAKP
Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

Applications

- Western Blot (Transfected lysate)

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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](#)