

Goat anti-Fut1 (mouse) Antibody

Item Number	dAP-2400
Target Molecule	Principle Name: Fut1 (mouse); Official Symbol: Fut1; All Names and Symbols: Fut1; fucosyltransferase 1 (galactoside 2-alpha-L-fucosyltransferase, H blood group); H; HH; HSC; 2-alpha-L-fucosyltransferase; GDP-L-fucose:beta-D-galactoside 2-alpha-L-fucosyltransferase 1; alpha (1,2) fucosyltransferase; alpha(1,2)FT 1; blood group H a; Accession Number (s): NP_032077.2; Human Gene ID(s): ; Non-Human GenelD(s): 14343 (mouse) 81919 (rat)
Immunogen	QLNGRQAFIQPEMH, is from internal region
Applications	Pep ELISA Species Tested:
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Preliminary experiments gave bands at approx 50kDa and 30kDa in Mouse and Rat Brain lysates after 0.5µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calc
IHC	
Reference	Reference(s): McGovern DP, Jones MR, Taylor KD, Marciante K, Yan X, Dubinsky M, Ippoliti A, Vasilias- kas E, Berel D, Derkowsky C, Dutridge D, Fleshner P, Shih DQ, Melmed G, Mengesha E, King L, Press- man S, Haritunians T, Guo X, Targan SR, Rotter JI; International IBD Fucosyltransferase 2 (FUT2) non-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**