

Goat anti-EXT2 Antibody

Item Number	dAP-2086
Target Molecule	Principle Name: EXT2; Official Symbol: EXT2; All Names and Symbols: EXT2; exostoses (multiple) 2; SOTV; Glucuronosyl-N-acetylglucosaminyl-proteoglycan 4-alpha-N- acetylglucosaminyltransferase; N-acetylglucosaminyl-proteoglycan 4-beta-glucuronosyltransferase; exostosin 2; Accession Number (s): NP_000392.2; NP_997005.1; Human Gene ID(s): 2132; Non-Human GeneID(s): 14043 (mouse) 311215 (rat)
Immunogen	PLKVVEHRADPVL, is from C Terminus This antibody is expected to recognize isoform 1 and 2 (NP_000392.2; NP_997005.1).
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 8000.
Western Blot	Western Blot: Preliminary experiments in lysates of cell line HEK293 gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other
IHC	
Reference	Reference(s): Rong R, Hanson RL, Ortiz D, Wiedrich C, Kobes S, Knowler WC, Bogardus C, Baier LJ. Association Analysis of Variation in/near FTO, CDKAL1, SLC30A8, HHEX, EXT2, IGF2BP2, LOC387761 and CDKN2B with Type 2 Diabetes and Related Quantitative Traits in Pima Indians. Diabetes. 2008 Nov

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 end users! This product is sold for **Research Use Only**