

**EXT2 Antibody (C-Term)**  
**Peptide-affinity purified goat antibody**  
**Catalog # AF2968a****Specification****EXT2 Antibody (C-Term) - Product Information**

|                   |                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application       | <b>E</b>                                                                                                                                                 |
| Primary Accession | <a href="#">Q93063</a>                                                                                                                                   |
| Other Accession   | <a href="#">NP_000392.2</a> ,<br><a href="#">NP_997005.1</a> , <a href="#">2132</a> ,<br><a href="#">14043 (mouse)</a> ,<br><a href="#">311215 (rat)</a> |
| Predicted         | <b>Human, Mouse,<br/>Rat, Dog, Cow</b>                                                                                                                   |
| Host              | <b>Goat</b>                                                                                                                                              |
| Clonality         | <b>Polyclonal</b>                                                                                                                                        |
| Concentration     | <b>0.5 mg/ml</b>                                                                                                                                         |
| Isotype           | <b>IgG</b>                                                                                                                                               |
| Calculated MW     | <b>82255</b>                                                                                                                                             |

**EXT2 Antibody (C-Term) - Background**

This antibody is expected to recognize isoform 1 and 2 (NP\_000392.2; NP\_997005.1).

**EXT2 Antibody (C-Term) - References**

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. Rong R, Hanson RL, Ortiz D, Wiedrich C, Kobes S, Knowler WC, Bogardus C, Baier LJ. Diabetes. 2008 Nov 13. [Epub ahead of print]. PMID: 19008344

**EXT2 Antibody (C-Term) - Additional Information****Gene ID 2132****Other Names**

Exostosin-2, 2.4.1.224, 2.4.1.225, Glucuronosyl-N-acetylglucosaminyl-proteoglycan/N-acetylglucosaminyl-proteoglycan 4-alpha-N-acetylglucosaminyltransferase, Multiple exostoses protein 2, Putative tumor suppressor protein EXT2, EXT2

**Format**

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

EXT2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**EXT2 Antibody (C-Term) - Protein Information**

**Name** EXT2**Function**

Glycosyltransferase required for the biosynthesis of heparan- sulfate. The EXT1/EXT2 complex possesses substantially higher glycosyltransferase activity than EXT1 or EXT2 alone. Appears to be a tumor suppressor. Required for the exosomal release of SDCBP, CD63 and syndecan (PubMed:<a href="http://www.uniprot.org/citations/22660413" target="\_blank">22660413</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass type II membrane protein. Golgi apparatus membrane; Single-pass type II membrane protein. Note=The EXT1/EXT2 complex is localized in the Golgi apparatus

**Tissue Location**

Ubiquitous.

**EXT2 Antibody (C-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)