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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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B4GALT4 (Human) Matched Antibody Pair

Catalog # : H00008702-AP51

規格 : [1 Set]

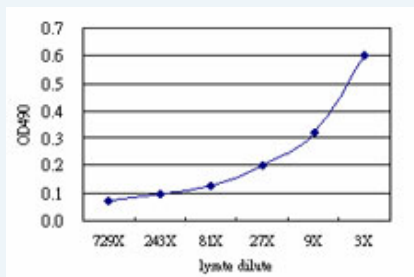
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Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human B4GALT4.

Reactivity: Human

Quality Control Testing: Standard curve using B4GALT4 293T overexpression lysate (non-denatured) as an analyte.



Sandwich ELISA detection sensitivity ranging from approximately 243x to 3x dilution of the B4GALT4 293T overexpression lysate (non-denatured).

Supplied Product: Antibody pair set content:
 1. Capture antibody: mouse monoclonal anti-B4GALT4 (100 ug)
 2. Detection antibody: rabbit purified polyclonal anti-B4GALT4 (50 ug)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Transfected lysate)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [8702](#)

Gene Name: B4GALT4

Gene Alias: B4Gal-T4,beta4Gal-T4

Gene Description: UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 4

Omim ID: [604015](#)

Gene Ontology: [Hyperlink](#)

Application Image

ELISA Pair (Transfected lysate)

Gene Summary: This gene is one of seven beta-1,4-galactosyltransferase (beta4GalT) genes. They encode type II membrane-bound glycoproteins that appear to have exclusive specificity for the donor substrate UDP-galactose; all transfer galactose in a beta1,4 linkage to similar acceptor sugars: GlcNAc, Glc, and Xyl. Each beta4GalT has a distinct function in the biosynthesis of different glycoconjugates and saccharide structures. As type II membrane proteins, they have an N-terminal hydrophobic signal sequence that directs the protein to the Golgi apparatus and which then remains uncleaved to function as a transmembrane anchor. By sequence similarity, the beta4GalTs form four groups: beta4GalT1 and beta4GalT2, beta4GalT3 and beta4GalT4, beta4GalT5 and beta4GalT6, and beta4GalT7. The enzyme encoded by this gene appears to mainly play a role in glycolipid biosynthesis. Two alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]

Other Designations: UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase 4,beta-N-acetylglucosaminy-glycolipid beta-1,4-galactosyltransferase 4

Gene Pathway

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

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