

Allgemeine Informationen

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| Katalog-Nr.: 14131-1-AP | GenBank-Zugangsnummer: BC027908 | Reinigungsmethode: Antigen-Affinitätsreinigung |
| Größe: 150ul, Konzentration: 350 µg/ml von Nanodrop und 367 µg/ml durch die Bradford-Methode mit BSA als Standard; | GeneID (NCBI): 51363 | Empfohlene Verdünnungen: WB 1:500-1:3000 |
| Wirt: Kaninchen | Vollständiger Name: carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15 | |
| Isotyp: IgG | Berechnete Masse: 65 kDa | |
| Immunogen Katalognummer: AG5258 | Beobachtete Masse: 55-58 kDa, 65-69 kDa | |

Anwendungen

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| Geprüfte Anwendungen: WB, ELISA | Positivkontrollen: WB: Maushirngewebe, |
| Getestete Reaktivität: Human, Maus | |

Hintergrundinformationen

Carbohydrate sulfotransferase 15, also known as CHST15, BRAG, GALNAC4S6ST and KIAA0598, is a single-pass type II membrane protein which belongs to the sulfotransferase 1 family. CHST15 is a sulfotransferase that transfers sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to the C-6 hydroxyl group of the GalNAc 4-sulfate residue of chondroitin sulfate A and forms chondroitin sulfate E containing GlcA-GalNAc(4,6-SO₄) repeating units. It also transfers sulfate to a unique non-reducing terminal sequence, GalNAc(4SO₄)-GlcA(2SO₄)-GalNAc(6SO₄), to yield a highly sulfated structure similar to the structure found in thrombomodulin chondroitin sulfate. CHST15 may also act as a B-cell receptor involved in BCR ligation-mediated early activation that mediate regulatory signals key to B-cell development and / or regulation of B-cell-specific RAG expression. CHST15 is expressed in B-cell-enriched tissues but not in fetal or adult thymus. It is expressed in fetal and adult spleen, lymph node, tonsil, bone marrow and peripheral leukocytes. It can be detected as 49 kDa and 69 kDa.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

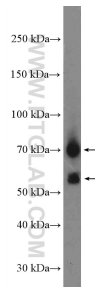
For technical support and original validation data for this product please contact:

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Ausgewählte Validierungsdaten



mouse brain tissue were subjected to SDS PAGE followed by western blot with 14131-1-AP (CHST15 Antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.