CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase Polyclonal Antibody

Catalog No: #42642

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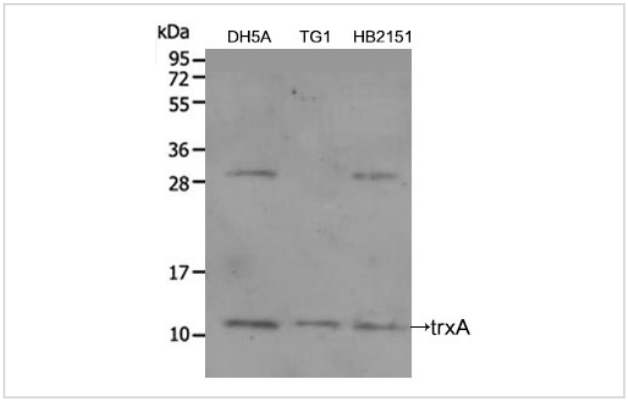
Description

Product Name	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase polyclonal antibody.
Immunogen Description	Recombinant human CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialyltransferase protein
Target Name	CMP-N-acetylneuraminate-beta-1,4-galactoside alpha-2,3-sialy
Other Names	Beta-galactoside alpha-2, 3-sialyltransferase 3 Gal beta-1, 3(4) GlcNAc alpha-2, 3 sialyltransferase N-acetyllactosaminide alpha-2, 3-sialyltransferase ST3Gal III ST3N Sialyltransferase 6 ST3GAL3 SIAT6
Accession No.	Swiss-Prot#: Q11203
Uniprot	Q11203
GeneID	6487;
Calculated MW	42kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



Western blot analysis of extracts of various E.coli lines, using trxA Polyclonal antibody at 1:1000 dilution.

Background

Catalyzes the formation of the NeuAc-alpha-2,3-Gal-beta-1,4-GlcNAc-, NeuAc-alpha-2,3-Gal-beta-1,3-GlcNAc- or

NeuAc-alpha-2,3-Gal-beta-1,3-GalNAc- sequences found in terminal carbohydrate groups of glycoproteins and glycolipids. The highest activity is toward Gal-beta-1,3-GlcNAc and the lowest toward Gal-beta-1,3-GalNAc

References

[1]Cloning and expression of human Gal beta 1,3(4)GlcNAc alpha 2,3-sialyltransferase.Kitagawa H., Paulson J.C.Biochem. Biophys. Res. Commun. 194:375-382(1993) [2]Structural variations of the alpha 2,3-sialyltransferase III, ST3GalIII, transcripts in hum

Note: This product is for in vitro research use only