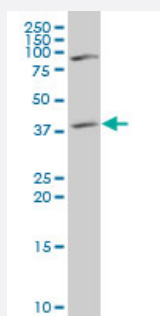


ST3GAL4 polyclonal antibody (A01)

Catalog # H00006484-A01

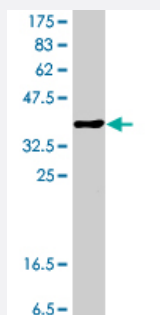
Size 50 uL

Applications



Western Blot (Tissue lysate)

ST3GAL4 polyclonal antibody (A01), Lot # 051207JC01. Western Blot analysis of ST3GAL4 expression in human ovarian cancer.



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant ST3GAL4.

Immunogen

ST3GAL4 (NP_006269, 31 a.a. ~ 130 a.a) partial recombinant protein with GST tag.

Sequence

FYFPIPEKKEPCLQGAEASKSLFGNYSRDQPIFLRLDYFWVKTPSAYELPYGTGKSEDLLLRV
LAITSSSIPKNIQSLRCRRCVVVGNGHRLRNSSL

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (84); Rat (84)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

ST3GAL4 polyclonal antibody (A01), Lot # 051207JC01. Western Blot analysis of ST3GAL4 expression in human ovarian cancer.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ST3GAL4

Entrez GeneID

[6484](#)

GeneBank Accession#

[NM_006278](#)

Protein Accession#

[NP_006269](#)

Gene Name

ST3GAL4

Gene Alias

CGS23, FLJ11867, FLJ46764, NANTA3, SAT3, SIAT4, SIAT4C, ST3GalIV, STZ

Gene Description

ST3 beta-galactoside alpha-2,3-sialyltransferase 4

Omim ID

[104240](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Synthesis of alpha-2,3-linked sialic acid to Gal(beta-1,3)GalNAc is mediated by at least 3 distinct beta-galactoside alpha-2,3-sialyltransferases (EC 2.4.99.4), including ST3GAL4. In contrast, only a single gene encodes the beta-galactoside alpha-2,6-sialyltransferase (EC 2.4.99.1), ST6GAL1 (MIM 109675) (Chang et al., 1995 [PubMed 7655169]).[supplied by OMIM]

Other Designations

alpha-3-N-acetylneuraminyltransferase|sialyltransferase 4C (beta-galactosidase alpha-2,3-sialyltransferase)|sialyltransferase 4C (beta-galactoside alpha-2,3-sialyltransferase)

Pathway

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

Disease

- [Tobacco Use Disorder](#)