

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-ST3GAL5



Numéro de catalogue: 30120-1-AP

## Informations de base

<b>Numéro de catalogue:</b> 30120-1-AP	<b>Numéro d'acquisition GenBank:</b> BC065936	<b>Méthode de purification:</b> Purification par affinité contre l'antigène
<b>Taille:</b> 150ul , Concentration: 550 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 8869	<b>Dilutions recommandées:</b> WB 1:500-1:2000
<b>Hôte:</b> Lapin	<b>Nom complet:</b> ST3 beta-galactoside alpha-2,3-sialyltransferase 5	
<b>Isotype:</b> IgG	<b>MW calculé</b> 48 kDa	
<b>Immunogen Catalog Number:</b> AG32461	<b>MW observés:</b> 70 kDa	

## Applications

<b>Applications testées:</b> WB, ELISA	<b>Contrôles positifs:</b> WB : cellules HEK-293, cellules HeLa, cellules Jurkat, tissu placentaire humain, tissu testiculaire de souris
<b>Spécificité de l'espèce:</b> Humain, souris	

## Informations générales

ST3GAL5 is also named as SIAT9, GM3 synthase, ST3Gal V, Sialyltransferase 9 and belongs to the glycosyltransferase 29 family. ST3GAL5 transfers the sialyl group (N-acetyl-alpha-neuraminyl or NeuAc) from CMP-NeuAc to the non-reducing terminal galactose of glycosphingolipids forming gangliosides (PMID:9822625, PMID:16934889). SIAT9 is mainly involved in the biosynthesis of ganglioside GM3 but can also use different glycolipids as substrate acceptors such as D-galactosylceramide (GalCer), asialo-GM2 (GA2) and asialo-GM1 (GA1) (PMID:16934889). ST3GAL5 is high expression in brain, skeletal muscle, placenta, and testis. And mRNA of ST3GAL5 is widely distributed in human brain, but slightly elevated expression was observed in the cerebral cortex, temporal lobe, and putamen (PMID:9822625). This antibody recognizes the glycosylation modification.

## Stockage

**Stockage:**  
Stocker à -20°C. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

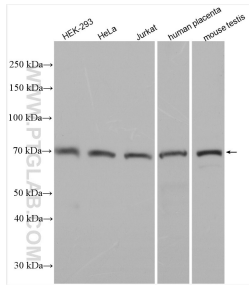
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 30120-1-AP (ST3GAL5 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.