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Datasheet for ABIN652016

anti-ST3GAL5 antibody (AA 389-418)

3 Images   **1** Publication

Overview

Quantity:	400 μL
Target:	ST3GAL5
Binding Specificity:	AA 389-418
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ST3GAL5 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This ST3GAL5 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 389-418 amino acids of human ST3GAL5.
Clone:	RB20256
Isotype:	IgG
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ST3GAL5
Alternative Name:	ST3GAL5 (ST3GAL5 Products)

Target Details

Molecular Weight:	47990
Gene ID:	8869
NCBI Accession:	NP_001035902, NP_003887
UniProt:	Q9UNP4

Application Details
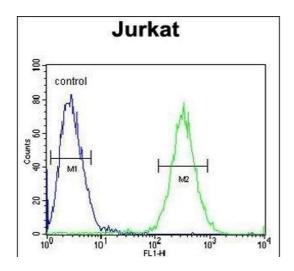
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

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Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
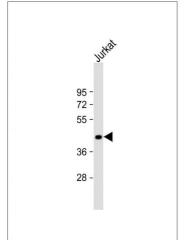
Publications

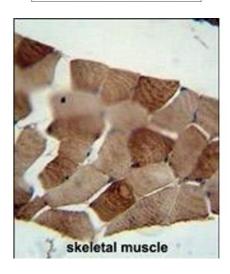|	
Product cited in:	Chang, Nam, Kook, Kim, Liu, Yao, Jung, Lemos, Seo, Park, Gim, Hong, Huh, Kim, Tan, Liu, Powis, Park, Liang, Kim: "HNF4? is a therapeutic target that links AMPK to WNT signalling in early-stage gastric cancer." in: **Gut**, (2014) (PubMed).

Images

Flow Cytometry

Image 1. ST3GAL5 Antibody (C-term) (ABIN652016 and ABIN2840497) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Anti-ST3GAL5 Antibody (C-term) at 1:1000 dilution + Jurkat whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 48 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. ST3GAL5 antibody (C-term) (ABIN652016 and ABIN2840497) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ST3GAL5 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.