

Datasheet for ABIN7145380
anti-RFNG antibody (AA 71-331)



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2 Images

Overview

Quantity:	100 µL
Target:	RFNG
Binding Specificity:	AA 71-331
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RFNG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Beta-1,3-N-acetylglucosaminyltransferase radical fringe protein (71-331AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	RFNG
Alternative Name:	RFNG (RFNG Products)
Background:	Background: Glycosyltransferase that initiates the elongation of O-linked fucose residues

Target Details

attached to EGF-like repeats in the extracellular domain of Notch molecules. May be involved in limb formation and in neurogenesis (By similarity).

Aliases: RFNG antibody, Beta-1,3-N-acetylglucosaminyltransferase radical fringe antibody, EC 2.4.1.222 antibody, O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase antibody

UniProt: [Q9Y644](#)

Pathways: [Notch Signaling](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:500-1:1000,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

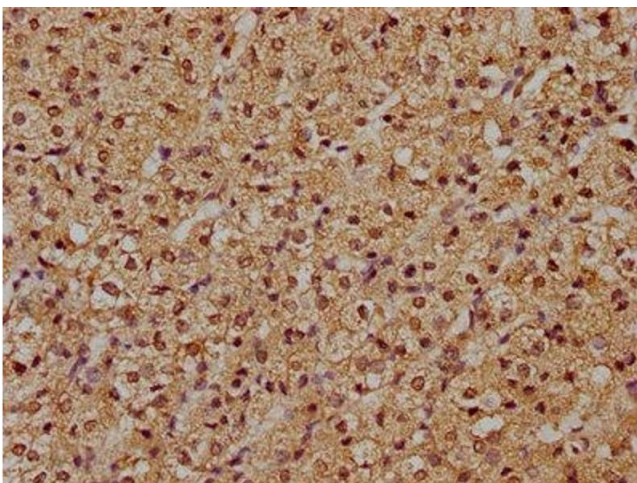
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

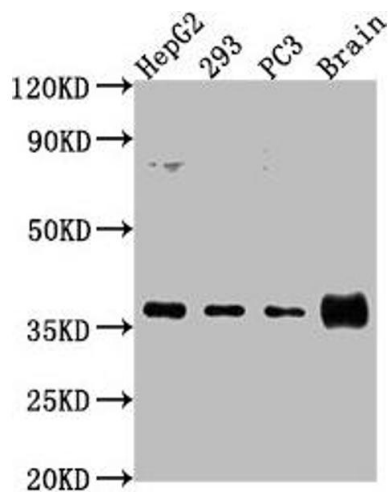
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunohistochemistry

Image 1. IHC image of ABIN7145380 diluted at 1:500 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and



visualized using an HRP conjugated SP system.

Western Blotting

Image 2. Western Blot Positive WB detected in: HepG2 whole cell lysate, 293 whole cell lysate, PC3 whole cell lysate, Rat brain tissue All lanes: RFNG antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 37 kDa Observed band size: 37 kDa