

Datasheet for ABIN7152257
anti-EXOC7 antibody (AA 521-735)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	EXOC7
Binding Specificity:	AA 521-735
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EXOC7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Exocyst complex component 7 protein (521-735AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	EXOC7
Alternative Name:	EXOC7 (EXOC7 Products)
Background:	Background: Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. In adipocytes, plays a crucial role in targeting

Target Details

SLC2A4 vesicle to the plasma membrane in response to insulin, perhaps directing the vesicle to the precise site of fusion (By similarity).

Aliases: 2 5 3p antibody, DKFZp686J04253 antibody, EX070 antibody, EX070 antibody, Exo70p antibody, EXOC 1 antibody, EXOC 7 antibody, EXOC1 antibody, Exoc7 antibody, EXOC7_HUMAN antibody, Exocyst complex component 7 antibody, Exocyst complex component Exo70 antibody, FLJ40965 antibody, FLJ46415 antibody, KIAA1067 antibody, Rexo70 antibody, YJL085W antibody

UniProt: [Q9UPT5](#)

Pathways: [Peptide Hormone Metabolism](#), [ER-Nucleus Signaling](#), [Synaptic Vesicle Exocytosis](#)

Application Details

Application Notes: Recommended dilution: WB:1:1000-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

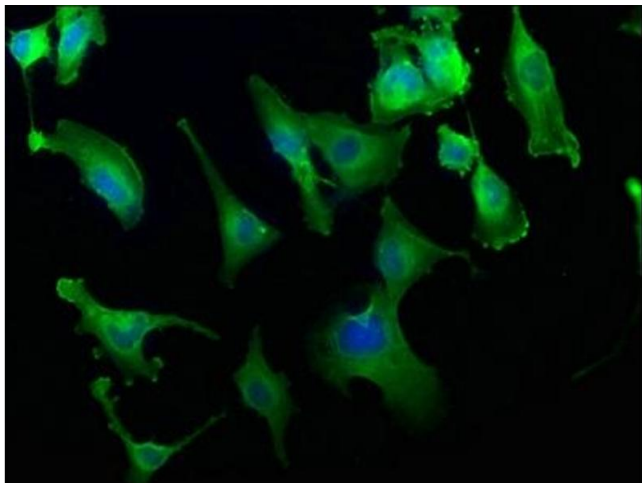
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

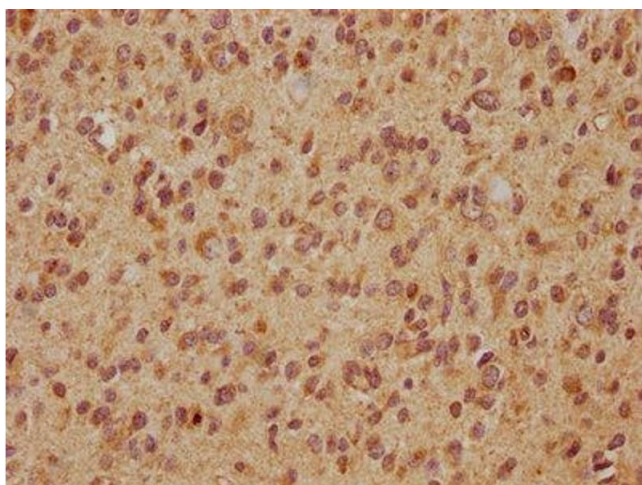
Storage: -20 °C,-80 °C

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



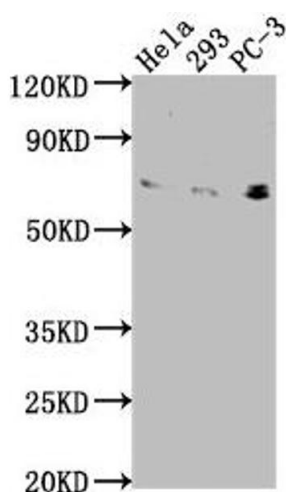
Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7152257 at 1:186, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemistry

Image 2. IHC image of ABIN7152257 diluted at 1:560 and staining in paraffin-embedded human glioma cancer 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 3. Western Blot Positive WB detected in: HeLa whole cell lysate, 293 whole cell lysate, PC-3 whole cell lysate All lanes: EXOC7 antibody at 1:2000 Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 84, 79, 75, 33, 78, 81 kDa Observed band size: 75 kDa