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Datasheet for ABIN7148022
anti-COPZ1 antibody (AA 1-177)

3 Images

Overview

Quantity:	100 µg
Target:	COPZ1
Binding Specificity:	AA 1-177
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPZ1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Coatomer subunit zeta-1 protein (1-177AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	COPZ1
Alternative Name:	COPZ1 (COPZ1 Products)
Background:	Background: The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate

Target Details

biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network.

Coatomer complex is required for budding from Golgi membranes, and is essential for the retrograde Golgi-to-ER transport of dilysine-tagged proteins. In mammals, the coatomer can only be recruited by membranes associated to ADP-ribosylation factors (ARFs), which are small GTP-binding proteins, the complex also influences the Golgi structural integrity, as well as the processing, activity, and endocytic recycling of LDL receptors.

Aliases: COPZ1 antibody, COPZ antibody, CGI-120 antibody, HSPC181 Coatomer subunit zeta-1 antibody, Zeta-1-coat protein antibody, Zeta-1 COP antibody

UniProt: [P61923](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

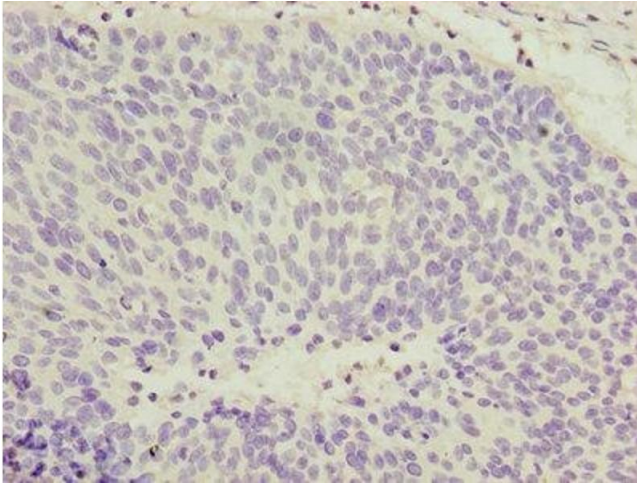
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

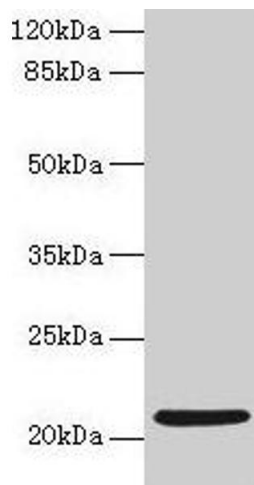
Storage: -20 °C,-80 °C

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



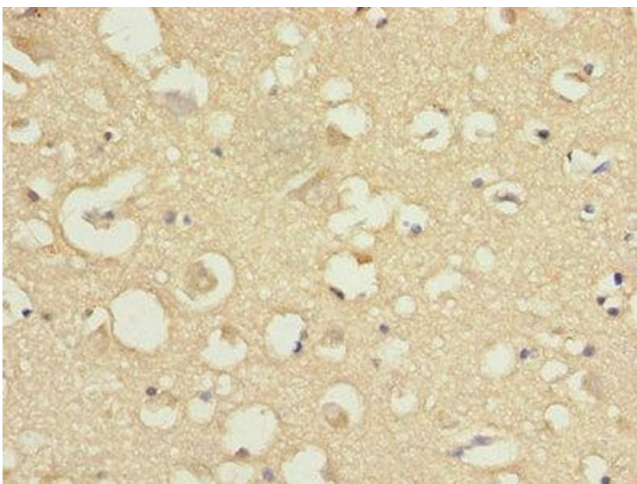
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human cervical cancer using ABIN7148022 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: COPZ1 antibody at 1 µg/mL + K562 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 21, 15, 18, 22, 19 kDa Observed band size: 21 kDa



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human brain tissue using ABIN7148022 at dilution of 1:100