

Datasheet for ABIN7148014
anti-COPE antibody (AA 2-308)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	COPE
Binding Specificity:	AA 2-308
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPE antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Coatomer subunit epsilon protein (2-308AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	COPE
Alternative Name:	COPE (COPE 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. The 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 with 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: 1110005D17Rik antibody, Coatomer epsilon subunit antibody, Coatomer protein complex subunit epsilon antibody, Coatomer subunit epsilon antibody, COPE antibody, COPE_HUMAN antibody, Cope1 antibody, Epsilon coat protein antibody, Epsilon COP antibody, Epsilon COP I antibody, Epsilon subunit of coatomer protein complex antibody, Epsilon-coat protein antibody, Epsilon-COP antibody, FLJ13241 antibody

UniProt: [O14579](#)

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

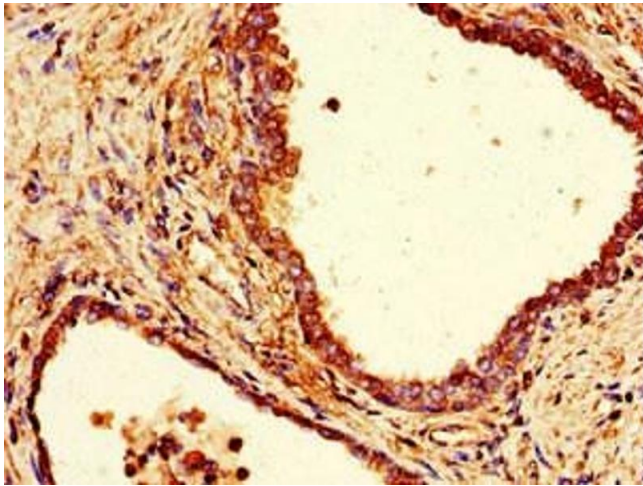
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

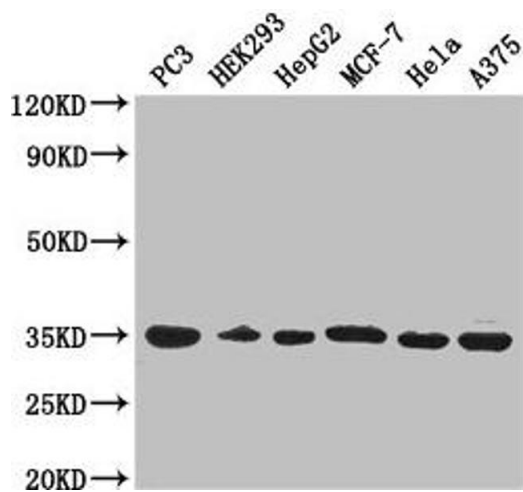
Storage: -20 °C,-80 °C

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



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human prostate cancer using ABIN7148014 at dilution of 1:100



Western Blotting

Image 2. Western Blot Positive WB detected in: PC-3 whole cell lysate, HEK293 whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, HeLa whole cell lysate, A375 whole cell lysate. All lanes: COPE antibody at 3 µg/mL. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 35, 29 kDa. Observed band size: 35 kDa.