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Datasheet for ABIN7453067
anti-COPA antibody (AA 1174-1224)

Overview

Quantity:	100 µg
Target:	COPA
Binding Specificity:	AA 1174-1224
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit anti-COPA Antibody, Affinity Purified
Immunogen:	Between AA 1174 and 1224
Isotype:	IgG
Predicted Reactivity:	Bovine
Purification:	Affinity Purified

Target Details

Target:	COPA
Alternative Name:	COPA (COPA Products)
Background:	Background: In eukaryotic cells, protein transport between the endoplasmic reticulum and Golgi

Target Details

compartments is mediated in part by non-clathrin-coated vesicular coat proteins (COPs). Seven coat proteins have been identified, and they represent subunits of a complex known as coatomer. The subunits are designated alpha-COP, beta-COP, beta-prime-COP, gamma-COP, delta-COP, epsilon-COP, and zeta-COP. The alpha-COP, encoded by COPA, shares high sequence similarity with RET1P, the alpha subunit of the coatomer complex in yeast. Also, the N-terminal 25 amino acids of alpha-COP encode the bioactive peptide, xenin, which stimulates exocrine pancreatic secretion and may act as a gastrointestinal hormone [taken from NCBI Entrez Gene (Gene ID: 1314)].

Gene ID:	1314
NCBI Accession:	NP_004362
UniProt:	P53621
Pathways:	Hormone Activity

Application Details

Application Notes:	IP: Not recommended WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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
Expiry Date:	12 months