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Datasheet for ABIN2785917

anti-COPG2 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	100 µL
Target:	COPG2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Guinea Pig, Cow, Dog, Horse, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COPG2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human COPG2
Sequence:	MIKKFDKKDE ESGSGSNPFQ HLEKSAVLQE ARIFNETPIN PRRCLHILTK
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 100%, Horse: 93%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against COPG2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	COPG2
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Target Details

Alternative Name:	COPG2 (COPG2 Products)
Background:	<p>The coatomer is a cytosolic protein complex that binds to dilysine motifs and reversibly associates with Golgi non-clathrin-coated vesicles, which further mediate biosynthetic protein transport from the ER, via the Golgi up to the trans Golgi network. Coa</p> <p>Alias Symbols: 2-COP, FLJ11781</p> <p>Protein Interaction Partner: SUMO2, SUMO3, STAU1, NUDCD1, UBC, HES4, FBXO6, ECT2, NDUFB8, COPB1, COPA, COPG1, COPZ1, COPE, COPB2, COPG2, ARCN1, SIRT7, ELAVL1, MYC, PMS2, COPZ2, TAPBP, PTGES3, ARL1, DRD1, MAGED1,</p> <p>Protein Size: 871</p>
Molecular Weight:	97 kDa
Gene ID:	26958
NCBI Accession:	NM_012133 , NP_036265
UniProt:	Q9UBF2

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 871 AA
Restrictions:	For Research Use only

Handling

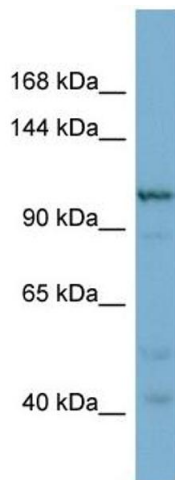
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small

aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Carson, Cheung, Scherer: "Duplication and relocation of the functional DPY19L2 gene within low copy repeats." in: **BMC genomics**, Vol. 7, pp. 45, (2006) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-COPG2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: OVCAR-3 cell lysate