

Datasheet for ABIN631569
anti-COG4 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	COG4
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This COG4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	COG4 antibody was raised using the middle region of COG4 corresponding to a region with amino acids LFSQGIGGEQAQAKFSDLSCLDLAAVSNKFRDLLQEGLTELNSTAIKPQVQ
Specificity:	COG4 antibody was raised against the middle region of COG4
Purification:	Affinity purified

Target Details

Target:	COG4
Alternative Name:	COG4 (COG4 Products)
Background:	Multiprotein complexes are key determinants of Golgi apparatus structure and its capacity for intracellular transport and glycoprotein modification. Several complexes have been identified, including the Golgi transport complex (GTC), the LDLC complex, which is involved in

Target Details

glycosylation reactions, and the SEC34 complex, which is involved in vesicular transport. These 3 complexes are identical and have been termed the conserved oligomeric Golgi (COG) complex, which includes COG4.

Molecular Weight: 89 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: COG4 Blocking Peptide, catalog no. 33R-4949, is also available for use as a blocking control in assays to test for specificity of this COG4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of COG4 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. COG4 antibody used at 1 ug/ml to detect target protein.