




Product datasheet

Anti-COG4 antibody ab229953

3 Images

Overview

Product name	Anti-COG4 antibody
Description	Rabbit polyclonal to COG4
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Cow, Orangutan 
Immunogen	Recombinant fragment corresponding to Human COG4 aa 506-785. Sequence: FQDIQRGVTSAVNIMHSSLQQGKFDTKGIESTDEAKMS FLVTLNNVEVCS ENISTLKKTLESDCTKLFSQGIGGEQAQAKFDSCLSDL AAVSNKFRDLLQ EGLTELNSTAIKPQVQPWINSFFSVSHNIEEEEFNDYEA NDPWVQQFILN LEQQMAEFKASLSPVIYDSLTLGLMTSLVAVELEKVVVK STFNRLLGGLQFD KELRSLIAYLTTVTTWTIRDKFARLSQMATILNLERVTEIL DYWGPNSSGP LTWRLTPAEVRQVLALRIDFRSEDIKRLRL Database link: Q9H9E3 <div style="text-align: right;">  Run BLAST with  Run BLAST with </div>
Positive control	WB: Mouse liver and gonadal tissue lysates; K562 and HeLa whole cell lysates. IHC-P: Human tonsil and kidney tissues.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.3 Preservative: 0.02% Sodium azide

Constituents: PBS, 50% Glycerol

Purity

Immunogen affinity purified

Clonality

Polyclonal

Applications

Our [Abpromise guarantee](#) covers the use of **ab229953** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		1/20 - 1/200.
WB		1/1000 - 1/5000. Predicted molecular weight: 89 kDa.

Target

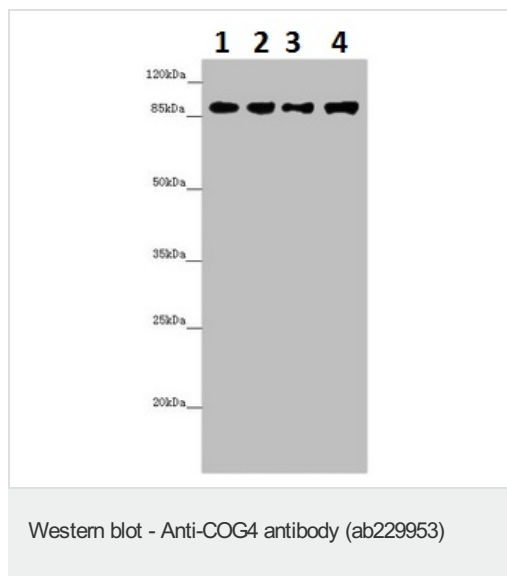
Relevance

COG4 is a component of the conserved oligomeric Golgi (COG) complex which is composed of eight different subunits and is required for normal Golgi morphology and localization. COG4 is required for normal Golgi function.

Cellular localization

Golgi apparatus membrane; Peripheral membrane protein; Cytoplasmic side.

Images



All lanes : Anti-COG4 antibody (ab229953) at 1/1000 dilution

Lane 1 : Mouse liver tissue lysate

Lane 2 : Mouse gonadal tissue lysate

Lane 3 : K562 (human chronic myelogenous leukemia cell line from bone marrow) whole cell lysate

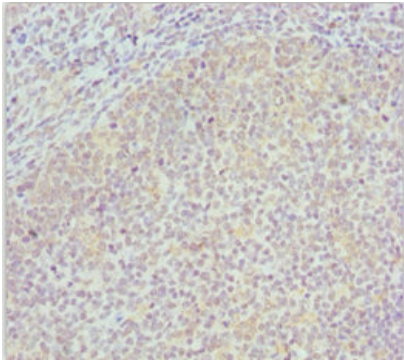
Lane 4 : HeLa (human epithelial cell line from cervix adenocarcinoma) whole cell lysate

Secondary

All lanes : Goat anti-rabbit IgG at 1/10000 dilution

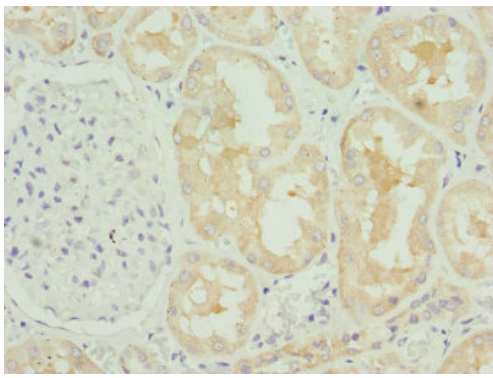
Predicted band size: 89 kDa

Observed band size: 89 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COG4 antibody (ab229953)

Paraffin-embedded human tonsil tissue stained for COG4 using ab229953 at 1/100 dilution in immunohistochemical analysis.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-COG4 antibody (ab229953)

Paraffin-embedded human kidney tissue stained for COG4 using ab229953 at 1/100 dilution in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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