

Datasheet for ABIN7600968
anti-GGA2 antibody (AA 26-608)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GGA2
Binding Specificity:	AA 26-608
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGA2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunoprecipitation (IP), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GGA2 Antibody Picoband®
Immunogen:	E.coli-derived human GGA2 recombinant protein (Position: L26-A608). Human GGA2 shares 85.4% amino acid (aa) sequence identity with mouse GGA2.
Characteristics:	Anti-GGA2 Antibody Picoband® (ABIN7600968). Tested in ELISA, Flow Cytometry, IP, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GGA2
Alternative Name:	GGA2 (GGA2 Products)
Background:	<p>ADP-ribosylation factor-binding protein GGA2 is a protein that in humans is encoded by the GGA2 gene. ADP-ribosylation factor-binding protein GGA2 is a protein that in humans is encoded by the GGA2 gene. This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. This family member may play a significant role in cargo molecules regulation and clathrin-coated vesicle assembly.</p>
Molecular Weight:	70 kDa
Gene ID:	23062

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunoprecipitation, 0.5-2 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Dell'Angelica, E. C., Puertollano, R., Mullins, C., Aguilar, R. C., Vargas, J. D., Hartnell, L. M., Bonifacino, J. S. GGAs: a family of ADP ribosylation factor-binding proteins related to adaptors and associated with the Golgi complex. J. Cell Biol. 149: 81-93, 2000. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 2/23/2017. 3. Hirst, J., Lui, W. W. Y., Bright, N. A., Totty, N., Seaman, M. N. J., Robinson, M. S. A family of proteins with gamma-adaptin and VHS domains that facilitate trafficking between the trans-Golgi network and the vacuole/lysosome. J. Cell Biol. 149: 67-69, 2000.</p>
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL

Handling

Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.