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Datasheet for ABIN2856386
anti-GGA3 antibody (C-Term)

4 Images

Overview

Quantity:	100 µL
Target:	GGA3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GGA3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human GGA3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Rabbit Polyclonal antibody to GGA3 (golgi-associated, gamma adaptin ear containing, ARF binding protein 3) GGA3 antibody [C3], C-term
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	GGA3
Alternative Name:	golgi associated, gamma adaptin ear containing, ARF binding protein 3 (GGA3 Products)
Background:	<p>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. Alternative splicing of this gene results in two transcript variants.</p> <p>Cellular Localization: Golgi apparatus , trans-Golgi network membrane, Peripheral membrane protein , Endosome membrane, Peripheral membrane protein</p>
Molecular Weight:	78 kDa
Gene ID:	23163
UniProt:	Q9NZ52

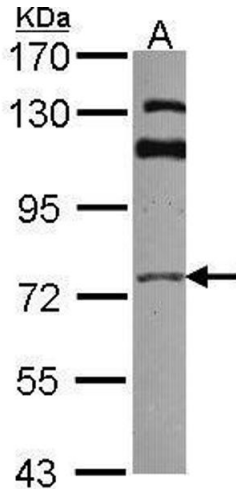
Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: A431
Restrictions:	For Research Use only

Handling

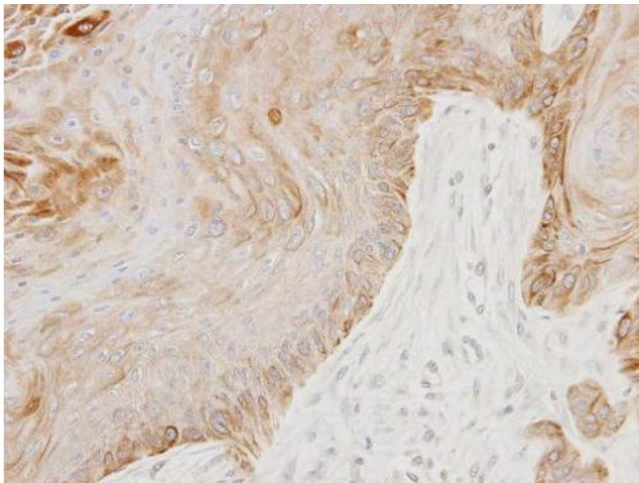
Format:	Liquid
Concentration:	0.59 mg/mL
Buffer:	0.1M Tris-Glycine (pH 7), 10 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.



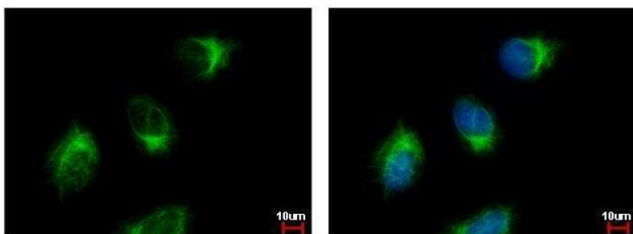
Western Blotting

Image 1. WB Image Sample (30 ug of whole cell lysate) A: A431, 7.5% SDS PAGE antibody diluted at 1:2000



Immunohistochemistry

Image 2. IHC-P Image Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using GGA3, antibody at 1:100 dilution.



Immunofluorescence

Image 3. ICC/IF Image GGA3 antibody [C3], C-term detects GGA3 protein at Golgi apparatus by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: GGA3 protein stained by GGA3 antibody [C3], C-term, diluted at 1:500. Blue: Hoechst 33342 staining.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN2856386.