

**GGA2 Antibody (aa249-265)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11327****Specification**

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**GGA2 Antibody (aa249-265) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">O9UJY4</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 67kDa KDa              |

**GGA2 Antibody (aa249-265) - Additional Information****Gene ID** 23062**Other Names**

ADP-ribosylation factor-binding protein GGA2, Gamma-adaptin-related protein 2, Golgi-localized, gamma ear-containing, ARF-binding protein 2, VHS domain and ear domain of gamma-adaptin, Vear, GGA2, KIAA1080

**Target/Specificity**

Amino acids 249-265 of Human GGA2. 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-Go ...

**Reconstitution & Storage**

+4°C or -20°C, Avoid repeated freezing and thawing.

**Precautions**

GGA2 Antibody (aa249-265) is for research use only and not for use in diagnostic or therapeutic procedures.

**GGA2 Antibody (aa249-265) - Protein Information****Name** GGA2**Synonyms** KIAA1080**Function**

Plays a role in protein sorting and trafficking between the trans-Golgi network (TGN) and endosomes. Mediates the ARF-dependent recruitment of clathrin to the TGN and binds ubiquitinated proteins and membrane cargo molecules with a cytosolic acidic cluster-dileucine (DXXLL) motif (PubMed:<<http://www.uniprot.org/citations/10747088>>10747088</a>). Mediates export of the GPCR receptor ADRA2B to the cell surface (PubMed:<<http://www.uniprot.org/citations/27901063>>27901063</a>). Regulates retrograde transport of phosphorylated form of

BACE1 from endosomes to the trans- Golgi network (PubMed:<a href="http://www.uniprot.org/citations/15615712" target="\_blank">15615712</a>).

#### **Cellular Location**

Golgi apparatus, trans-Golgi network membrane; Peripheral membrane protein. Endosome membrane; Peripheral membrane protein. Early endosome membrane; Peripheral membrane protein

#### **Tissue Location**

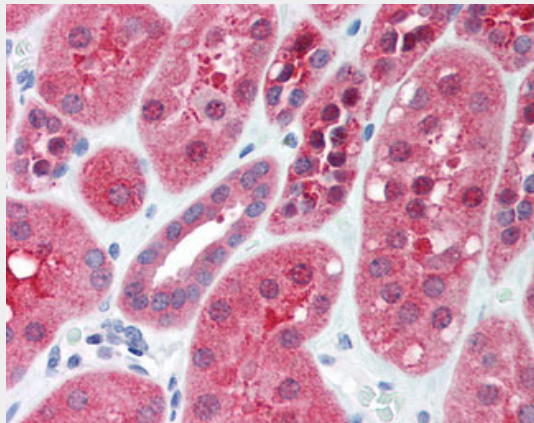
Ubiquitously expressed.

### **GGA2 Antibody (aa249-265) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **GGA2 Antibody (aa249-265) - Images**



Anti-GGA2 antibody IHC of human kidney.

### **GGA2 Antibody (aa249-265) - Background**

Plays a role in protein sorting and trafficking between the trans-Golgi network (TGN) and endosomes. Mediates the ARF- dependent recruitment of clathrin to the TGN and binds ubiquitinated proteins and membrane cargo molecules with a cytosolic acidic cluster-dileucine (AC-LL) motif.

### **GGA2 Antibody (aa249-265) - References**

Boman A.L.,et al.Mol. Biol. Cell 11:1241-1255(2000).  
Hirst J.,et al.J. Cell Biol. 149:67-80(2000).  
Poussu A.,et al.J. Biol. Chem. 275:7176-7183(2000).  
Loftus B.J.,et al.Genomics 60:295-308(1999).

Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.