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

Specification

GGA2 Antibody (aa249-265) - Product Information

Application	**IHC**
Primary Accession	Q9UJY4
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:10747088). Mediates export of the GPCR receptor ADRA2B to the cell surface (PubMed:27901063). Regulates retrograde transport of phosphorylated form of

BACE1 from endosomes to the trans- Golgi network (PubMed:15615712).

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

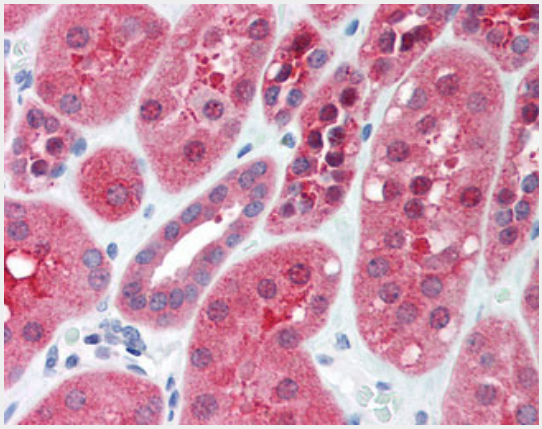
Tissue Location
Ubiquitously expressed.

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 Cytomety
- 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

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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).

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