10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DNAJC13 Antibody (C-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS17106

Specification

DNAJC13 Antibody (C-Terminus) - Product Information

Application	**IHC**
Primary Accession	O75165
Other Accession	23317
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**254415**

DNAJC13 Antibody (C-Terminus) - Additional Information

Gene ID 23317

Other Names
DNAJC13, KIAA0678, RME8, RME-8

Target/Specificity
DNAJC13 antibody is human and mouse reactive. At least two siforms of DNAJC13 are known to exist; this antibody will detect both isoforms. DNAJC13 antibody is predicted to not cross-react with other DNAJC family members.

Reconstitution & Storage
PBS, 0.02% sodium azide. Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions
DNAJC13 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DNAJC13 Antibody (C-Terminus) - Protein Information

Name DNAJC13

Synonyms KIAA0678, RME8

Function
Involved in membrane trafficking through early endosomes, such as the early endosome to recycling endosome transport implicated in the recycling of transferrin and the early endosome to late endosome transport implicated in degradation of EGF and EGFR (PubMed:18256511, PubMed:18307993). Involved in the regulation of endosomal membrane tubulation and regulates the dynamics of SNX1 on the endosomal membrane; via association with WASHC2 may link the WASH complex to the retromer SNX-BAR subcomplex (PubMed:<a href="http://www.uniprot.org/citations/24643499"

target="_blank">24643499).

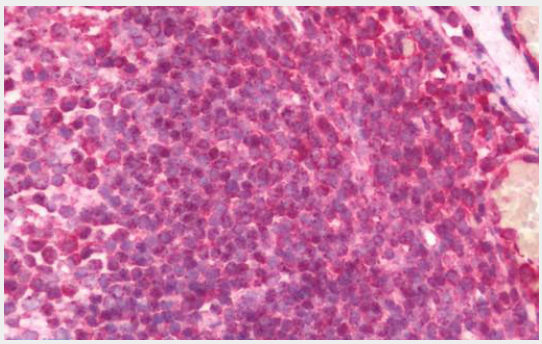
Cellular Location
Early endosome. Early endosome membrane; Peripheral membrane protein. Endosome membrane

DNAJC13 Antibody (C-Terminus) - Protocols

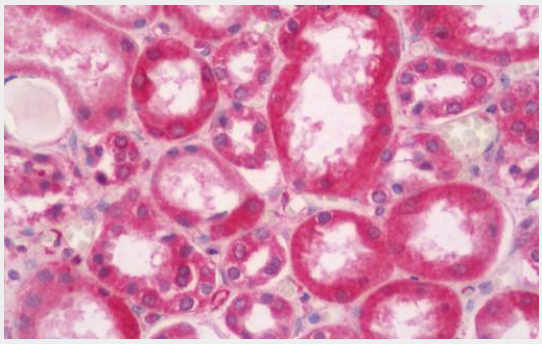
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

DNAJC13 Antibody (C-Terminus) - Images



Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

DNAJC13 Antibody (C-Terminus) - Background

Involved in membrane trafficking through early endosomes, such as the early endosome to recycling endosome transport implicated in the recycling of transferrin and the early endosome to late endosome transport implicated in degradation of EGF and EGFR (PubMed:18256511, PubMed:18307993). Involved in the regulation of endosomal membrane tubulation and regulates th dynamics of SNX1 on the endosomal membrane; via association with FAM21 may link the WASH complex to the retromer SNX-BAR subcomplex (PubMed:24643499).

10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

DNAJC13 Antibody (C-Terminus) - References

Girard M.,et al.J. Biol. Chem. 280:40135-40143(2005).
Ishikawa K.,et al.DNA Res. 5:169-176(1998).
Ohara O.,et al.Submitted (AUG-2005) to the EMBL/GenBank/DDBJ databases.
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Ota T.,et al.Nat. Genet. 36:40-45(2004).