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PLEKHA8 Antibody (aa122-400)

Rabbit Polyclonal Antibody
Catalog # ALS17129

Specification

PLEKHA8 Antibody (aa122-400) - Product Information

Application	**IHC-P, WB**
Primary Accession	Q96JA3
Other Accession	84725
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**58261**

PLEKHA8 Antibody (aa122-400) - Additional Information

Gene ID 84725

Other Names
PLEKHA8, FAPP2, FAPP-2, HFAPP2

Target/Specificity
Human PLEKHA8.

Reconstitution & Storage
PBS, pH 7.4, 0.02% sodium azide. Store at -20°C for up to one year.

Precautions
PLEKHA8 Antibody (aa122-400) is for research use only and not for use in diagnostic or therapeutic procedures.

PLEKHA8 Antibody (aa122-400) - Protein Information

Name PLEKHA8

Synonyms FAPP2

Function
Cargo transport protein that is required for apical transport from the Golgi complex. Transports AQP2 from the trans-Golgi network (TGN) to sites of AQP2 phosphorylation. Mediates the non-vesicular transport of glucosylceramide (GlcCer) from the trans-Golgi network (TGN) to the plasma membrane and plays a pivotal role in the synthesis of complex glycosphingolipids. Binding of both phosphatidylinositol 4- phosphate (PIP) and ARF1 are essential for the GlcCer transfer ability. Also required for primary cilium formation, possibly by being involved in the transport of raft lipids to the apical membrane, and for membrane tubulation.

Cellular Location
Golgi apparatus, trans-Golgi network membrane. Membrane; Peripheral membrane protein.

Note=Binds through its PH domain to PtdIns(4)P and ARF1, and subsequently localizes to TGN exit sites

Tissue Location
Expressed in kidney cell lines.

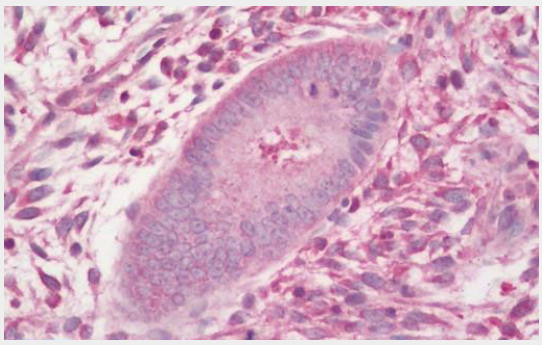
Volume
50 µl

PLEKHA8 Antibody (aa122-400) - Protocols

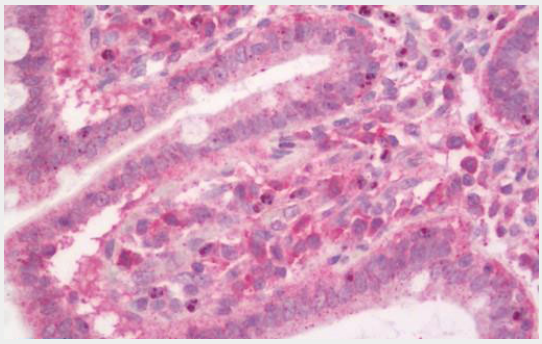
Provided below are standard protocols that you may find useful for product applications.

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

PLEKHA8 Antibody (aa122-400) - Images



Human Uterus, Endometrium: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

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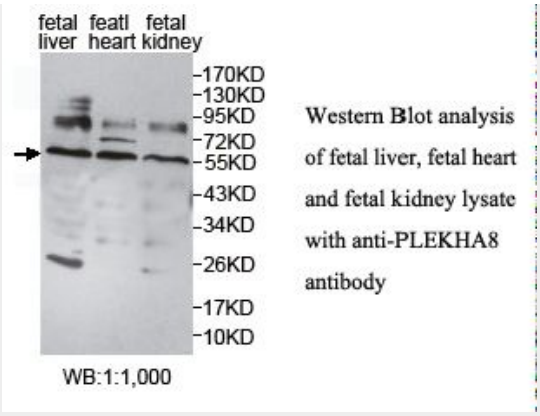

western blot analysis of fetal liver,fetal heart and fetal kidney lysate with anti-plekha8 antibody

PLEKHA8 Antibody (aa122-400) - Background

Cargo transport protein that is required for apical transport from the Golgi complex. Transports AQP2 from the trans- Golgi network (TGN) to sites of AQP2 phosphorylation. Mediates the non-vesicular transport of glucosylceramide (GlcCer) from the trans-Golgi network (TGN) to the plasma membrane and plays a pivotal role in the synthesis of complex glycosphingolipids. Binding of both phosphatidylinositol 4-phosphate (PIP) and ARF1 are essential for the GlcCer transfer ability. Also required for primary cilium formation, possibly by being involved in the transport of raft lipids to the apical membrane, and for membrane tubulation.

PLEKHA8 Antibody (aa122-400) - References

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