

ARG63516 anti-FAPP2 / PLEKHA8 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes FAPP2 / PLEKHA8
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FAPP2 / PLEKHA8
Species	Human
Immunogen	C-DIQTALRNPTENT
Conjugation	Un-conjugated
Alternate Names	Phosphatidylinositol-four-phosphate adapter protein 2; Serologically defined breast cancer antigen NY-BR-86; hFAPP2; PH domain-containing family A member 8; FAPP-2; FAPP2; Pleckstrin homology domain-containing family A member 8; Phosphoinositol 4-phosphate adapter protein 2

Application Instructions

Application table	<table> <tr> <th>Application</th><th>Dilution</th></tr> <tr> <td>IHC-P</td><td>2 - 4 µg/ml</td></tr> </table>	Application	Dilution	IHC-P	2 - 4 µg/ml
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Application Note	<p>IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>				

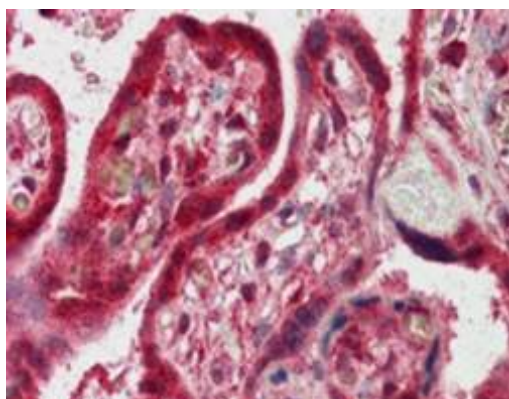
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 84725 Human Swiss-port # Q96JA3 Human
Gene Symbol	PLEKHA8
Gene Full Name	pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 8
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. [UniProt]
Research Area	Signaling Transduction antibody
Calculated Mw	58 kDa

Images



ARG63516 anti-FAPP2 / PLEKHA8 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Placenta. (Steamed antigen retrieval with citrate buffer pH 6) stained with ARG63516 anti-FAPP2 / PLEKHA8 antibody at 2.5 µg/ml dilution followed by AP-staining.