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APOLD1 / VERGE Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2808a

Specification

APOLD1 / VERGE Antibody (C-Term) - Product Information

Application	**E**
Primary Accession	Q96LR9
Other Accession	NP_110444.1, 81575
Predicted	**Human**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**30546**

APOLD1 / VERGE Antibody (C-Term) - Additional Information

Gene ID 81575

Other Names
Apolipoprotein L domain-containing protein 1, Vascular early response gene protein, APOLD1, VERGE

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
APOLD1 / VERGE Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

APOLD1 / VERGE Antibody (C-Term) - Protein Information

Name APOLD1

Synonyms VERGE

Function
Is a modulator of endothelial barrier permeability, required for proper organization of endothelial cell-cell junctions and cytoskeleton (PubMed:35638551). It also plays a role in the modulation of secretory autophagy (PubMed:35638551). May affect blood-brain barrier permeability.

Cellular Location
Cell membrane; Multi-pass membrane protein. Cell junction. Cytoplasmic vesicle, secretory vesicle. Note=Localized to Weibel-Palade bodies, secretory granules characteristic of vascular endothelial cells.

Tissue Location
Expressed in neonatal dermal microvascular endothelial cells.

APOLD1 / VERGE Antibody (C-Term) - 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

APOLD1 / VERGE Antibody (C-Term) - Images

APOLD1 / VERGE Antibody (C-Term) - References

Verge: a novel vascular early response gene. Regard JB, Scheek S, Borbiev T, Lanahan AA, Schneider A, Demetriades AM, Hiemisch H, Barnes CA, Verin AD, Worley PF. J Neurosci. 2004 Apr 21;24(16):4092-103 PMID: 15102925