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SDF4 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17498b

Specification

SDF4 Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q9BRK5
Other Accession	Q91ZS3, Q61112, Q4R585, NP_057631.1, NP_057260.2
Reactivity	**Human**
Predicted	**Monkey, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**41807**
Antigen Region	**258-287**

SDF4 Antibody (C-term) - Additional Information

Gene ID 51150

Other Names
45 kDa calcium-binding protein, Cab45, Stromal cell-derived factor 4, SDF-4, SDF4, CAB45

Target/Specificity
This SDF4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 258-287 amino acids from the C-terminal region of human SDF4.

Dilution
WB~~1:1000

Format
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

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

Precautions
SDF4 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SDF4 Antibody (C-term) - Protein Information

Name SDF4

Synonyms CAB45

Function May regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment.

Cellular Location
[Isoform 1]: Golgi apparatus lumen {ECO:0000250|UniProtKB:Q61112}

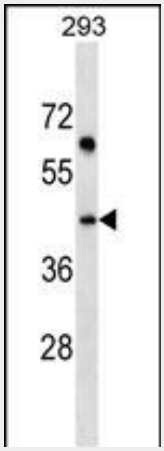
Tissue Location
Ubiquitous. Isoform 5 is expressed in pancreas.

SDF4 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

SDF4 Antibody (C-term) - Images



SDF4 Antibody (C-term) (Cat. #AP17498b) western blot analysis in 293 cell line lysates (35ug/lane).This demonstrates the SDF4 antibody detected the SDF4 protein (arrow).

SDF4 Antibody (C-term) - Background

SDF4 may regulate calcium-dependent activities in the endoplasmic reticulum lumen or post-ER compartment (By similarity).
Isoform 5 may be involved in the exocytosis of zymogens by pancreatic acini.

SDF4 Antibody (C-term) - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Hosgood, H.D. III, et al. Occup Environ Med 66(12):848-853(2009)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)

Kang, H., et al. Int. J. Oncol. 35(1):205-211(2009)
Zhu, Y., et al. J Genet Genomics 35(3):153-161(2008)