

SDF4 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17498b

Specification

SDF4 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	O9BRK5
Other Accession	O91ZS3 , O61112 , O4R585 , 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}

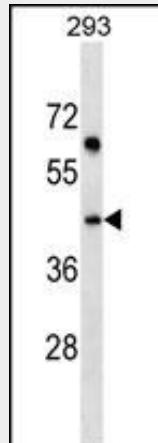
Tissue Location

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 Cytometry](#)
- [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)