

SDF4 Rabbit pAb

Catalog # AP98273

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9BRK5
Other Accession	Q9BRK5
Reactivity	Human, Mouse
Predicted	Rat, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	41807
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SDF4
Epitope Specificity	121-230/362
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the CREC family. Contains 6 EF-hand domains.
SUBUNIT	Isoform 5 interacts with STXBP1; the interaction is enhanced in presence of calcium. Isoform 5 interacts with STX3.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a stromal cell derived factor that is a member of the CREC protein family. The encoded protein contains six EF-hand motifs and calcium-binding motifs. This protein localizes to the Golgi lumen and may be involved in regulating calcium dependent cellular activities. [provided by RefSeq, Sep 2011].

Additional Information

Gene ID	51150
Other Names	Cab45; SDF-4; CAB45_HUMAN; SDF4; Stromal cell-derived factor 4 (SDF-4); CAB45_MOUSE; CAB45_RAT; stromal cell derived factor 4; calcium binding protein
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.