

Restriction enzyme FokI(C-term) Antibody

Catalog No: #48218

Package Size: #48218-1 50ul #48218-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

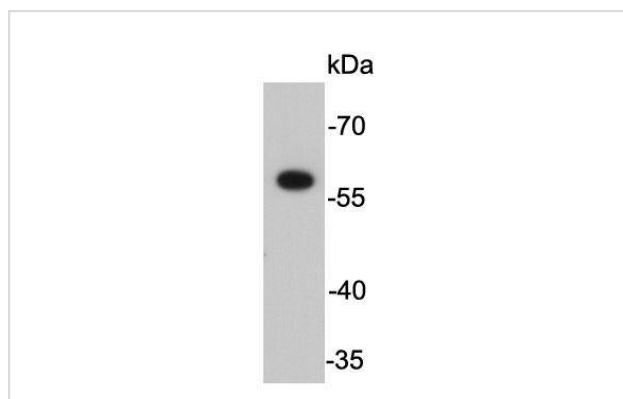
Description

Product Name	Restriction enzyme FokI(C-term) Antibody
Purification	Immunogen affinity purified
Applications	WB
Species Reactivity	Planomicrobium okeanokoites
Immunogen Description	peptide
Accession No.	Swiss-Prot#:P14870
Uniprot	P14870
Calculated MW	66kDa
Concentration	1mg/ml
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1000-1:2,000

Images



Western blot analysis on purified restriction enzyme FokI.

Background

The enzyme FokI, naturally found in *Flavobacterium okeanokoites*, is a bacterial type IIS restriction endonuclease consisting of an N-terminal DNA-binding domain and a non-specific DNA cleavage domain at the C-terminal. Once the protein is bound to duplex DNA via its DNA-binding domain at the 5'-GGATG-3':3'-CATCC-5' recognition site, the DNA cleavage domain is activated and cleaves, without further sequence specificity, the first strand 9 nucleotides downstream and the second strand 13 nucleotides upstream of the nearest nucleotide of the recognition site. Its molecular mass is 65.4 kDa, being composed of 587 amino acids.

Note: This product is for in vitro research use only