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SFN Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP18803c

Specification

SFN Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P31947, O70456
Other Accession	Q0VC36, NP_006133.1, O77642, P31947, O70456
Reactivity	**Human, Mouse**
Predicted	**Bovine, Sheep**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Antigen Region	**120-149**

SFN Antibody (Center) - Additional Information

Other Names
14-3-3 protein sigma, Epithelial cell marker protein 1, Stratifin, SFN, HME1

Target/Specificity
This SFN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 120-149 amino acids from the Central region of human SFN.

Dilution
WB~~1:1000
E~~Use at an assay dependent concentration.

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
SFN Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

SFN Antibody (Center) - Protein Information

SFN Antibody (Center) - Protocols

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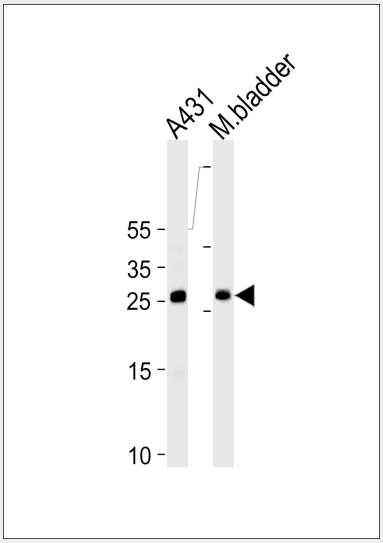
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SFN Antibody (Center) - Images



SFN Antibody (Center) (Cat. #AP18803c) western blot analysis in A431 cell line and mouse bladder tissue lysates (35ug/lane).This demonstrates the SFN antibody detected the SFN protein (arrow).

SFN Antibody (Center) - Background

Adapter protein implicated in the regulation of a large spectrum of both general and specialized signaling pathway. Binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner. When bound to KRT17, regulates protein synthesis and epithelial cell growth by stimulating Akt/mTOR pathway (By similarity).
p53-regulated inhibitor of G2/M progression.

SFN Antibody (Center) - References

Ren, H.Z., et al. Dig. Dis. Sci. 55(9):2552-2560(2010)
Liu, Y., et al. Brain Res. 1336, 98-102 (2010) :
Pei, H.P., et al. Zhonghua Wei Chang Wai Ke Za Zhi 13(3):213-215(2010)
Syrjanen, S., et al. Am. J. Clin. Pathol. 133(2):232-240(2010)
Zurita, M., et al. BMC Cancer 10, 217 (2010) :