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DSTN Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP9189c

Specification

DSTN Antibody (Center) Blocking Peptide - Product Information

Primary Accession P60981

DSTN Antibody (Center) Blocking Peptide - Additional Information

Gene ID 11034

Other Names
Destrin, Actin-depolymerizing factor, ADF, DSTN, ACTDP, DSN

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP9189c was selected from the Center region of human DSTN. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

DSTN Antibody (Center) Blocking Peptide - Protein Information

Name DSTN

Synonyms ACTDP, DSN

Function
Actin-depolymerizing protein. Severs actin filaments (F- actin) and binds to actin monomers (G-actin). Acts in a pH-independent manner.

Tissue Location
Widely distributed in various tissues.

DSTN Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

DSTN Antibody (Center) Blocking Peptide - Images

DSTN Antibody (Center) Blocking Peptide - Background

DSTN belongs to the actin-binding proteins ADF family. This family of proteins is responsible for enhancing the turnover rate of actin in vivo. This protein encodes the actin depolymerizing protein that severs actin filaments (F-actin) and binds to actin monomers (G-actin).

DSTN Antibody (Center) Blocking Peptide - References

Estornes,Y., et.al., Int. J. Cancer 121 (10), 2162-2171 (2007)Mannherz,H.G., et.al., J. Mol. Biol. 366 (3), 745-755 (2007)