

Rabbit DSTN Polyclonal Antibody | anti-DSTN antibody

DSTN Antibody (Center)

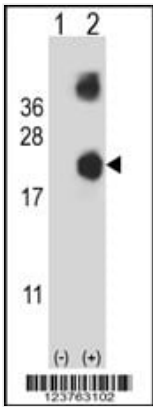
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284218	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

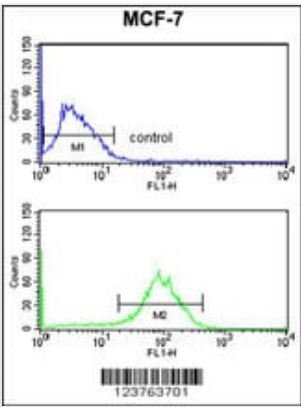
DSTN; Polyclonal Antibody; DSTN Antibody (Center); Destrin; Actin-depolymerizing factor; ADF; ACTDP; DSN; anti-DSTN antibody

PRODUCT SPECIFICATIONS

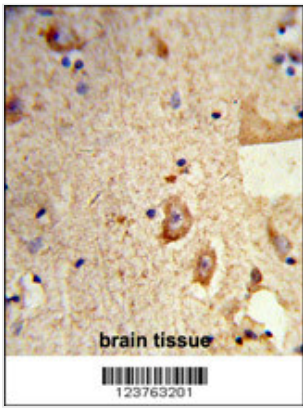
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DSTN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the Central region of human DSTN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	70-98
Sequence Length	148
Applicable Applications for anti-DSTN antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



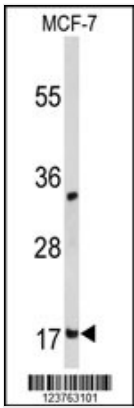
WB (Western Blot)
Western blot analysis of DSTN (arrow) using rabbit polyclonal DSTN Antibody (Center). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the DSTN gene.



FCM/FACS (Flow Cytometry)
DSTN Antibody (Center) flow cytometry analysis of MCF-7 cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue reacted with DSTN Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DSTN Antibody (Center) in MCF-7 cell line lysates (35ug/lane). DSTN (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DSTN antibody	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).
Product Categories/Family for anti-DSTN antibody	Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	58530848
NCBI GeneID	11034
NCBI Accession #	NP_001011546.1; NP_006861.1
NCBI GenBank Nucleotide #	NM_001011546.1
UniProt Accession #	P60981; P18282; Q5W166; Q6IAW2; B2R6N2; B4DYA6

Molecular Weight	18506
NCBI Official Full Name	destrin isoform b
NCBI Official Synonym Full Names	destrin (actin depolymerizing factor)
NCBI Official Symbol	DSTN
NCBI Official Synonym Symbols	ADF; ACTDP; HEL32; bA462D18.2
NCBI Protein Information	destrin
UniProt Protein Name	Destrin
UniProt Gene Name	DSTN
UniProt Synonym Gene Names	ACTDP; DSN; ADF
UniProt Entry Name	DEST_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dstn-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/284218>