

Rabbit DPT Polyclonal Antibody | anti-DPT antibody

DPT Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285137	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Pig)	Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

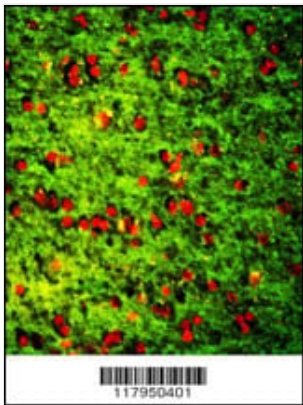
PRODUCT SYNONYMS

DPT; Polyclonal Antibody; DPT Antibody (Center); Dermatopontin; Tyrosine-rich acidic matrix protein; TRAMP; anti-DPT antibody

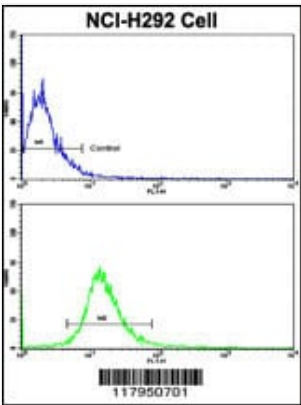
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Pig)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPT antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-128 amino acids from the Central region of human DPT.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	102-128
Sequence Length	201
Applicable Applications for anti-DPT antibody	IF (Immunofluorescence), 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.

IMAGES



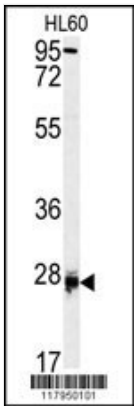
IF (Immunofluorescence)
Immunofluorescence analysis of DPT Antibody (Center) with paraffin-embedded human brain tissue. 0.05 mg/ml primary antibody was followed by FITC-conjugated goat anti-rabbit IgG (whole molecule). FITC emits green fluorescence.Red counterstaining is PI.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of NCI-H292 cells using DPT Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human brain with DPT 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 DPT antibody (Center) in HL60 cell line lysates (35ug/lane). DPT (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-DPT antibody	DPT is an extracellular matrix protein with possible functions in cell-matrix interactions and matrix assembly. This protein is found in various tissues and many of its tyrosine residues are sulphated. The protein is postulated to modify the behavior of TGF-beta through interaction with decorin.
Product Categories/Family for anti-DPT antibody	Signal Transduction
References	Cheung,C.L., Chan,B.Y. Hum. Mol. Genet. 18 (4), 679-687 (2009) Pochampally,R.R., Ylostalo,J. J. Bone Miner. Res. 22 (9), 1338-1349 (2007) Lunetta,K.L., D'Agostino,R.B. Sr. BMC Med. Genet. 8 SUPPL 1, S13 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307172
NCBI GeneID	1805
NCBI Accession #	NP_001928.2
NCBI GenBank Nucleotide #	NM_001937.4
UniProt Accession #	Q07507; Q8N4R2; Q9UIX8; A8K981

Molecular Weight	24005
NCBI Official Full Name	dermatopontin
NCBI Official Synonym Full Names	dermatopontin
NCBI Official Symbol	DPT
NCBI Official Synonym Symbols	TRAMP
NCBI Protein Information	dermatopontin
UniProt Protein Name	Dermatopontin
UniProt Gene Name	DPT
UniProt Synonym Gene Names	TRAMP
UniProt Entry Name	DERM_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/dpt-antibody-immunofluorescence-flow-cytometry-immunohistochemistry-western-blot-elisa/285137>