

Rabbit anti-Human PRUNE Polyclonal Antibody | anti-PRUNE antibody

PRUNE Antibody (C-term)

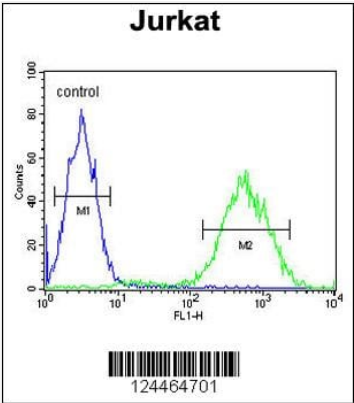
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288588	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

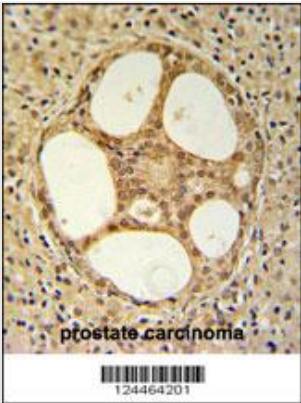
PRUNE; Polyclonal Antibody; PRUNE Antibody (C-term); Protein prune homolog; hPrune; Drosophila-related expressed sequence 17; DRES-17; DRES17; HTcD37; anti-PRUNE antibody

PRODUCT SPECIFICATIONS

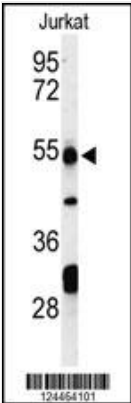
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PRUNE antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 360-389 amino acids from the C-terminal region of human PRUNE.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal 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	360-389
Sequence Length	453
Applicable Applications for anti-PRUNE 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.



FCM/FACS (Flow Cytometry)
PRUNE Antibody (C-term) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
PRUNE Antibody (C-term) IHC analysis in formalin fixed and paraffin embedded prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRUNE Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PRUNE Antibody (C-term) in Jurkat cell line lysates (35ug/lane). PRUNE (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-PRUNE antibody	Phosphodiesterase (PDE) that has higher activity toward cAMP than cGMP, as substrate. It plays a role in cell proliferation, is able to induce cell motility and acts as a negative regulator of NME1.
Product Categories/Family for anti-PRUNE antibody	Cancer
References	Vieira, A.R., et al. Genet. Med. 10(9):668-674(2008) Middelhaufe, S., et al. Biochem. J. 407(2):199-205(2007) Kobayashi, T., et al. Mol. Cell. Biol. 26(3):898-911(2006) Zollo, M., et al. Clin. Cancer Res. 11(1):199-205(2005) Forus, A., et al. Oncogene 20(47):6881-6890(2001) Reymond, A., et al. Oncogene 18(51):7244-7252(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	24308263
NCBI GeneID	58497
NCBI Accession #	NP_067045.1
NCBI GenBank Nucleotide #	NM_021222.2

UniProt Accession #	Q86TP1; Q5SZF9; Q659E5; Q6P4E0; Q8N654; Q96JU5; Q9C071; Q9C072; Q9UIV0; B2RCH8; B4DFL7
Molecular Weight	50200
NCBI Official Full Name	protein prune homolog isoform 1
NCBI Official Synonym Full Names	prune exopolyphosphatase
NCBI Official Symbol	PRUNE
NCBI Official Synonym Symbols	DRES17; HTCD37; DRES-17
NCBI Protein Information	protein prune homolog
UniProt Protein Name	Protein prune homolog
UniProt Gene Name	PRUNE
UniProt Synonym Gene Names	hPrune; DRES-17; DRES17
UniProt Entry Name	PRUNE_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://www.aaabiotech.com/polyclonal/prune-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288588>