

Rabbit anti-Human PI15 Polyclonal Antibody | anti-PI15 antibody

PI15 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288043	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

PI15; Polyclonal Antibody; PI15 Antibody (N-term); Peptidase inhibitor 15; PI-15; 25 kDa trypsin inhibitor; p25TI; Cysteine-rich secretory protein 8; CRISP-8; SugarCrisp; CRISP8; P25TI; anti-PI15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This PI15 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 34-63 amino acids from the N-terminal region of human PI15.
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: 0.42 (varies by lot)
Sequence Positions	34-63
Sequence Length	258
Applicable Applications for anti-PI15 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.

IMAGES



FCM/FACS (Flow Cytometry)

PI15 Antibody (N-term) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)

PI15 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of PI15 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

PI15 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane). This demonstrates the PI15 antibody detected the PI15 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-PI15 antibody	This gene encodes a trypsin inhibitor. The protein shares similarity to insect venom allergens, mammalian testis-specific proteins and plant pathogenesis-related proteins. It is frequently expressed in human neuroblastoma and glioblastoma cell lines, and thus may play a role in the central nervous system. [provided by RefSeq].
Product Categories/Family for anti-PI15 antibody	Cell biology; Neuroscience
References	Melzer, D., et al. PLoS Genet. 4 (5), E1000072 (2008) : Kaplan, F., et al. Am. J. Physiol. 276 (6 PT 1), L1027-L1036 (1999) : Yamakawa, T., et al. Biochim. Biophys. Acta 1395(2):202-208(1998) Yamakawa, T., et al. Biochim. Biophys. Acta 1395(2):202-208(1998) Koshikawa, N., et al. J. Biochem. 119(2):334-339(1996)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7705676
NCBI GeneID	51050
NCBI Accession #	NP_056970.1
NCBI GenBank Nucleotide #	NM_015886.3
UniProt Accession #	O43692; Q68CY1
Molecular Weight	29065
NCBI Official Full Name	peptidase inhibitor 15 preproprotein
NCBI Official Synonym Full Names	peptidase inhibitor 15
NCBI Official Symbol	PI15
NCBI Official Synonym Symbols	P24TI; P25TI; CRISP8
NCBI Protein Information	peptidase inhibitor 15
UniProt Protein Name	Peptidase inhibitor 15
UniProt Gene Name	PI15
UniProt Synonym Gene Names	CRISP8; P25TI; PI-15; p25TI; CRISP-8
UniProt Entry Name	PI15_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/pi15-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288043>