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## anti-PI15 antibody (N-Term)







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Quantity:	400 μL
Target:	PI15
Binding Specificity:	AA 34-63, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
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#### **Product Details**

Immunogen:	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.
Clone:	RB33380
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## **Target Details**

Target:	PI15
Alternative Name:	PI15 (PI15 Products)
Background:	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

### **Target Details**

	expressed in human neuroblastoma and glioblastoma cell lines, and thus may play a role in the central nervous system. [provided by RefSeq].
Molecular Weight:	29065
NCBI Accession:	NP_056970
UniProt:	043692

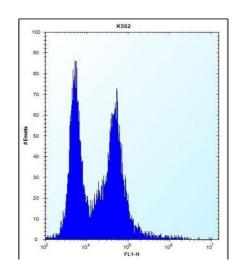
## **Application Details**

Application Notes:	WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

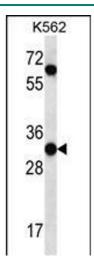
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Expiry Date:	6 months

#### **Images**



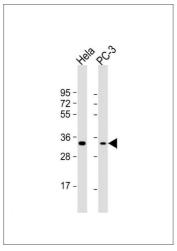
### **Flow Cytometry**

**Image 1.** PI15 Antibody (N-term) (ABIN657253 and ABIN2846351) 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.



#### **Western Blotting**

**Image 2.** PI15 Antibody (N-term) (ABIN657253 and ABIN2846351) western blot analysis in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the PI15 antibody detected the PI15 protein (arrow).



#### **Western Blotting**

Image 3. All lanes: Anti-PI15 Antibody (N-term) at 1:1000 dilution Lane 1: Hela whole cell lysate Lane 2: PC-3 whole cell lysate Lysates/proteins at 20 μg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 29 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the product details page for more images. Overall 4 images are available for ABIN657253.