

PI15 (aa128-141) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3710a**Specification**

PI15 (aa128-141) Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	O43692
Other Accession	NP_056970.1 , 51050 , 94227 (mouse) , 301489 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	29065

PI15 (aa128-141) Antibody (internal region) - Additional Information**Gene ID** 51050**Other Names**

Peptidase inhibitor 15, PI-15, 25 kDa trypsin inhibitor, p25TI, Cysteine-rich secretory protein 8, CRISP-8, SugarCrisp, PI15, CRISP8, P25TI

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

PI15 (aa128-141) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

PI15 (aa128-141) Antibody (internal region) - Protein Information**Name** PI15**Synonyms** CRISP8, P25TI

Function

Serine protease inhibitor which displays weak inhibitory activity against trypsin (PubMed:8882727). May play a role in facial patterning during embryonic development (By similarity).

Cellular Location

Secreted.

Tissue Location

Weakly expressed. Expressed at low level in prostate, mammary gland, salivary gland and thyroid gland

PI15 (aa128-141) Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PI15 (aa128-141) Antibody (internal region) - Images

EB011365 (0.3 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

PI15 (aa128-141) Antibody (internal region) - References

A novel developmentally regulated gene in lung mesenchyme: homology to a tumor-derived trypsin inhibitor. Kaplan F, Ledoux P, Kassamali FQ, Gagnon S, Post M, Koehler D, Deimling J, Sweezey NB. Am J Physiol. 1999 Jun;276(6 Pt 1):L1027-36. PMID: 10362728