

Goat anti-PI15 (aa128-141) Antibody

Item Number	dAP-2595
Target Molecule	Principle Name: PI15 (aa128-141); Official Symbol: PI15; All Names and Symbols: PI15; peptidase inhibitor 15; CRISP8; DKFZp686F0366; P24TI; P25TI; 25 kDa trypsin inhibitor; CRISP-8; PI-15; cysteine-rich secretory protein 8; protease inhibitor 15; sugarCrisp; Accession Number (s): NP_056970.1; Human Gene ID(s): 51050; Non-Human GeneID(s): 94227 (mouse) 301489 (rat)
Immunogen	RTGRYRSILQLVKP, is from internal region
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 33kDa band observed in lysates of cell line HeLa (calculated MW of 29.1kDa according to NP_056970.1). Recommended concentration: 0.3-1µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Skeletal Muscle. Recommended concentration: 5µg/ml.
Reference	Reference(s): Kaplan F, Ledoux P, Kassamali FQ, Gagnon S, Post M, Koehler D, Deimling J, Sweezey NB. A novel developmentally regulated gene in lung mesenchyme: homology to a tumor-derived trypsin inhibitor. Am J Physiol. 1999 Jun;276(6 Pt 1):L1027-36..PMID: 10362728->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**