



Anti-HTRA1 (N-terminal) polyclonal antibody (CPBT-36942RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human HTRA1.
Antigen Description	This gene encodes a member of the trypsin family of serine proteases. This protein is a secreted enzyme that is proposed to regulate the availability of insulin-like growth factors (IGFs) by cleaving IGF-binding proteins. It has also been suggested to be a regulator of cell growth. Variations in the promoter region of this gene are the cause of susceptibility to age-related macular degeneration type 7.
Specificity	Expressed in a variety of tissues, with strongest expression in placenta.
Immunogen	Synthetic peptide conjugated to KLH and selected from the N terminal region of HtrA1 (Human)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse, Human
Purification	Protein G purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, IHC-P, ELISA
Sequence Similarities	Belongs to the peptidase S1B family. Contains 1 IGFBP N-terminal domain. Contains 1 Kazal-like domain. Contains 1 PDZ (DHR) domain.
Cellular Localization	Secreted.
Format	Liquid

Size	100 µg
Buffer	Preservative: 0.09% Sodium AzideConstituents: PBS
Preservative	0.09% Sodium Azide
Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	HTRA1 HtrA serine peptidase 1 [Homo sapiens]
Official Symbol	HTRA1
Synonyms	HTRA1; HtrA serine peptidase 1; protease, serine, 11 (IGF binding) , PRSS11; serine protease HTRA1; HtrA; IGFBP5 protease; Serine protease HTRA1 precursor; HtrA serine peptidase 1; HTRA1; HTRA1_HUMAN; L56; protease serine 11; PRSS11; Serine protease 11; Serine protease HTRA1; IGFBP5-protease; protease, serine, 11 (IGF binding); high-temperature requirement A serine peptidase 1; L56; ARMD7; ORF480; PRSS11;
Entrez Gene ID	5654
Protein Refseq	NP_002766
UniProt ID	Q92743
Chromosome Location	10q26.3
Function	insulin-like growth factor binding; peptidase activity; serine-type endopeptidase activity;