

HTRA2 rabbit monoclonal antibody

Catalog # H00027429-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human HTRA2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human HTRA2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human HTRA2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — HTRA2

Entrez GeneID	27429
GeneBank Accession#	HTRA2
Gene Name	HTRA2
Gene Alias	OMI, PARK13, PRSS25
Gene Description	HtrA serine peptidase 2
Omim ID	606441 610297
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a serine protease. The protein has been localized in the endoplasmic reticulum and interacts with an alternatively spliced form of mitogen-activated protein kinase 14. The protein has also been localized to the mitochondria with release to the cytosol following apoptotic stimulus. The protein is thought to induce apoptosis by binding the apoptosis inhibitory protein baculoviral IAP repeat-containing 4. Nuclear localization of this protein has also been observed. Alternative splicing of this gene results in two transcript variants encoding different isoforms. Additional transcript variants have been described, but their full-length sequences have not been determined. [provided by RefSeq]</p>
Other Designations	HtrA-like serine protease Omi stress-regulated endoprotease high temperature requirement protein A2 protease, serine, 25

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)