



Anti-HTRA2 (aa 359-458) polyclonal antibody (DPAB-DC1384)

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

PRODUCT INFORMATION

Antigen Description	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. Alternate 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.
Immunogen	PRSS25 (AAH00096, 359 a.a. ~ 458 a.a) partial recombinant protein with GST tag. The sequence is RRYIGVMMLTLSPSILAEQLREPSFPDVQHGVLIHKVILGSPAHRAGLRPGDVILAIGE QMVQNAEDVYEAVRTQSQLAVQIRRGRETTLTYVTPEVTE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HTRA2 HtrA serine peptidase 2 [Homo sapiens (human)]
Official Symbol	HTRA2
Synonyms	HTRA2; HtrA serine peptidase 2; OMI; PARK13; PRSS25; serine protease HTRA2, mitochondrial; serine protease 25; protease, serine, 25; serine proteinase OMI; HtrA-like serine protease; Omi stress-regulated endoprotease; high temperature requirement protein A2;
Entrez Gene ID	27429
Protein Refseq	NP_037379
UniProt ID	O43464
Chromosome Location	2p12
Pathway	Apoptosis Modulation and Signaling; Parkinsons Disease Pathway;
Function	peptidase activity; protein binding; serine-type endopeptidase activity; serine-type peptidase activity