

Datasheet for ABIN657628
anti-HTRA2 antibody (N-Term)



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3 Images

Overview

Quantity:	400 µL
Target:	HTRA2
Binding Specificity:	AA 73-102, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HTRA2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 73-102 amino acids from the N-terminal region of human HTRA2.
Clone:	RB33645
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	HTRA2
Alternative Name:	HTRA2 (HTRA2 Products)
Background:	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

Target Details

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. [provided by RefSeq].

Molecular Weight: 48841

Gene ID: 27429

NCBI Accession: [NP_037379](#), [NP_659540](#)

UniProt: [O43464](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. IHC-P: 1:10~50

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

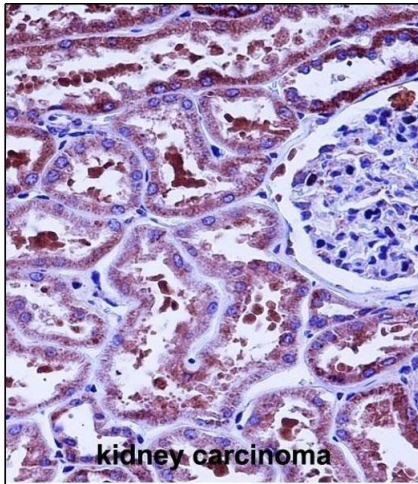
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

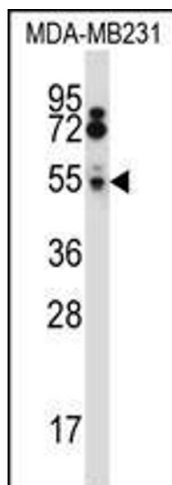
Storage Comment: HTRA2 Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



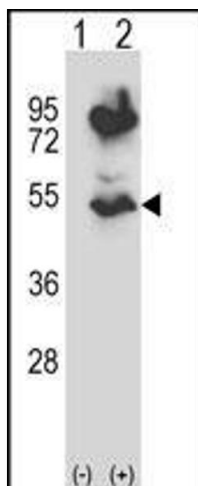
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HTRA2 Antibody (N-term) (ABIN657628 and ABIN2846624) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HTRA2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. HTRA2 Antibody (N-term) (ABIN657628 and ABIN2846624) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the HTRA2 antibody detected the HTRA2 protein (arrow).



Western Blotting

Image 3. Western blot analysis of HTRA2 (arrow) using rabbit polyclonal HTRA2 Antibody (N-term) (ABIN657628 and ABIN2846624). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the HTRA2 gene.