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Datasheet for ABIN2789539
anti-HTRA1 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	HTRA1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	DANTYANLCQ LRAASRRSER LHRPPVIVLQ RGACGQGQED PNSLRHKYNF
Predicted Reactivity:	Cow: 100%, Human: 100%, Mouse: 92%, Pig: 100%, Rat: 92%
Characteristics:	This is a rabbit polyclonal antibody against HTRA1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	HTRA1
Alternative Name:	HTRA1 (HTRA1 Products)
Background:	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

Target Details

(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.

Alias Symbols: ARMD7, HtrA, L56, ORF480, PRSS11

Protein Interaction Partner: FAM46A, IMPDH1, CSNK2B, NOS3, APOE, XIAP, PARD6B, LRP10, FCHSD2, CDYL, COX5A, GOLGA2, GDF5, COL3A1, COL1A1, COL2A1, CAST, BMP4,

Protein Size: 480

Molecular Weight: 53 kDa

Gene ID: 5654

NCBI Accession: [NM_002775](#), [NP_002766](#)

UniProt: [Q92743](#)

Pathways: [Growth Factor Binding](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 480 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

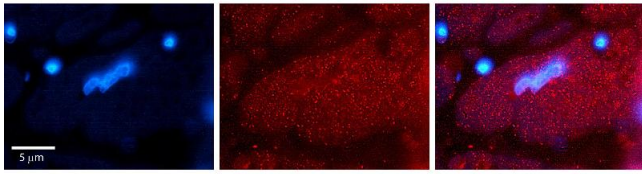
Preservative: Sodium azide

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

Handling Advice: Avoid repeated freeze-thaw cycles.

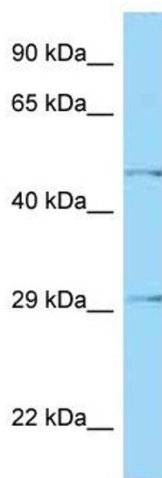
Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Immunohistochemistry

Image 1. Rabbit Anti-HTRA1 Antibody Catalog Number: ARP63548_P050 Formalin Fixed Paraffin Embedded Tissue: Human heart Tissue Observed Staining: Cytoplasmic Primary Antibody Concentration: 1:100 Other Working Concentrations: 1:600 Secondary Antibody: Donkey anti-Rabbit-Cy3 Secondary Antibody Concentration: 1:200 Magnification: 20X Exposure Time: 0.5 - 2.0 sec



Western Blotting

Image 2. WB Suggested Anti-HTRA1 Antibody Titration: 1.0 ug/ml Positive Control: Fetal Kidney