

Datasheet for ABIN388127

anti-HTRA1 antibody (N-Term)

4 Images

1 Publication

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Overview

Quantity:	200 µL
Target:	HTRA1
Binding Specificity:	AA 116-147, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HtrA1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-147 amino acids from the N-terminal region of human HtrA1.
Clone:	RB02326
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	HTRA1
Alternative Name:	HtrA1 (HTRA1 Products)

Target Details

Background:	HtrA1 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.
Molecular Weight:	51287
Gene ID:	5654
NCBI Accession:	NP_002766
UniProt:	Q92743
Pathways:	Growth Factor Binding

Application Details

Application Notes:	WB: 1:1000. IF: 1:10~50. WB: 1:2000. 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.
Handling Advice:	Avoid freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots.
Expiry Date:	6 months

Publications

Product cited in:	Yang, Zhao, Mei, Jiang, Geng, Li, Yao, Liu, Kong, Cao: "HMG2 plays an important role in Cr (VI)-induced autophagy." in: International journal of cancer , Vol. 141, Issue 5, pp. 986-997, (2017) (PubMed).
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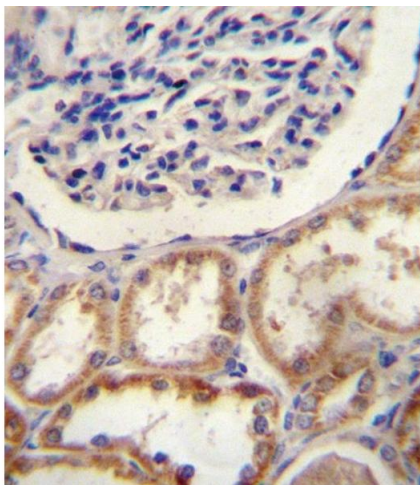
Chen, Cao, Zhou, Liu, Che, Mizumura, Li, Choi, Shen: "Interaction of caveolin-1 with ATG12-ATG5 system suppresses autophagy in lung epithelial cells." in: **American journal of physiology. Lung cellular and molecular physiology**, Vol. 306, Issue 11, pp. L1016-25, (2014) ([PubMed](#)).

Sanchez, Penforis, Oskowitz, Boonjindasup, Cai, Dhule, Rowan, Kelekar, Krause, Pochampally: "Activation of autophagy in mesenchymal stem cells provides tumor stromal support." in: **Carcinogenesis**, Vol. 32, Issue 7, pp. 964-72, (2011) ([PubMed](#)).

Yee, Wilkinson, James, Ryan, Vousden: "PUMA- and Bax-induced autophagy contributes to apoptosis." in: **Cell death and differentiation**, Vol. 16, Issue 8, pp. 1135-45, (2009) ([PubMed](#)).

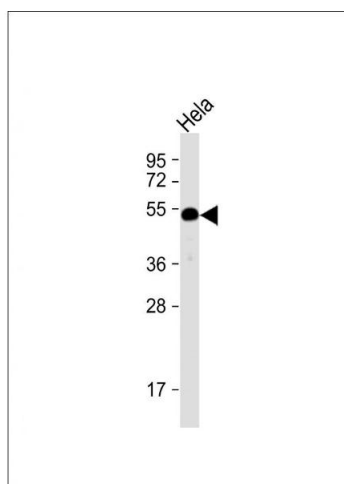
Harada, Willison, Sakakibara, Miyamoto, Fujita, Taniguchi: "Absence of the type I IFN system in EC cells: transcriptional activator (IRF-1) and repressor (IRF-2) genes are developmentally regulated." in: **Cell**, Vol. 63, Issue 2, pp. 303-12, (1990) ([PubMed](#)).

Images



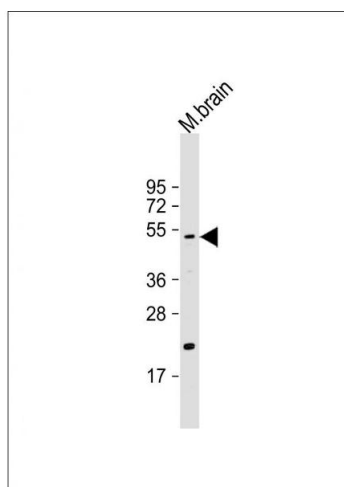
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HtrA1 Antibody (N-term) (ABIN388127 and ABIN2846341) immunohistochemistry analysis in formalin fixed and paraffin embedded human kidney tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HtrA1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



Western Blotting

Image 2. Anti-HtrA1 Antibody (N-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-HtrA1 Antibody (N-term) at 1:2000 dilution + mouse brain lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 51 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN388127.