Datasheet for ABIN7307890

anti-HTRA2 antibody

3 Images

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Overview

Quantity:	100 µL
Target:	HTRA2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Purpose:	Rabbit polyclonal antibody to OMI
Immunogen:	Recombinant full length protein of human OMI
Specificity:	Recognizes endogenous levels of OMI protein.
Characteristics:	Rabbit polyclonal antibody to OMI
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	HTRA2
Alternative Name:	OMI (HTRA2 Products)
Background:	OMI, PRSS25, Serine protease HTRA2, mitochondrial, High temperature requirement protein A2,

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Target Details

	HtrA2, Omi stress-regulated endoprotease, Serine protease 25, Serine proteinase OMI
Gene ID:	27429, 64704
UniProt:	O43464, Q9JIY5
Pathways:	Positive Regulation of Endopeptidase Activity

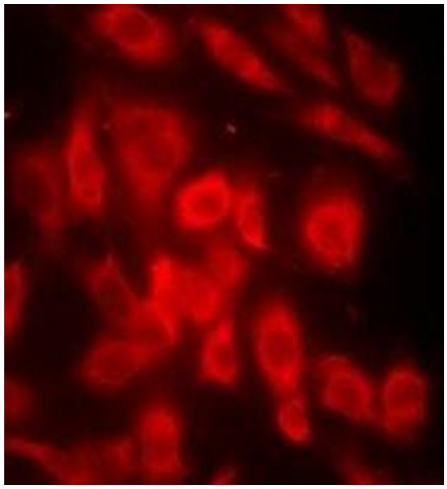
Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

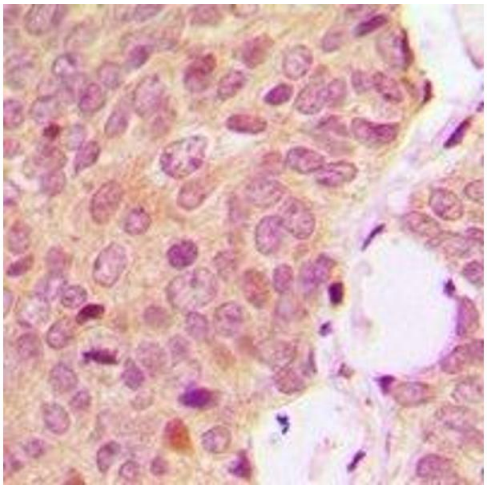
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



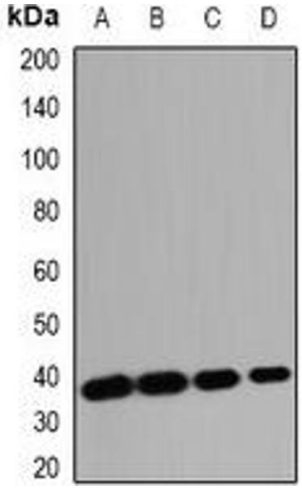
Immunofluorescence

Image 1. Immunofluorescent analysis of OMI staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in



Immunohistochemistry

Image 2. Immunohistochemical analysis of OMI staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with



Western Blotting

Image 3. Western blot analysis of OMI expression in HT29 (A), MCF7 (B), mouse heart (C), mouse kidney (D) whole cell lysates.

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