For research purposes only, not for human use

Product Data Sheet

Anti-OMI Antibody

Catalog #	Source	Reactivity	Applications
CQA2012	Rabbit	H, M, R	WB, IH, IP

Description	Rabbit polyclonal antibody to OMI
Immunogen	Recombinant full length protein of human OMI
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of OMI protein.
Clonality	Polyclonal
Conjugation	
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IH (1/50 - 1/200), IP (1/10 - 1/50)
Gene Symbol	HTRA2
Alternative Names	OMI; PRSS25; Serine protease HTRA2 mitochondrial; High temperature requirement protein A2; HtrA2; Omi stress-regulated endoprotease; Serine protease 25; Serine proteinase OMI
Entrez Gene	27429 (Human); 64704 (Mouse)
SwissProt	O43464 (Human); Q9JIY5 (Mouse)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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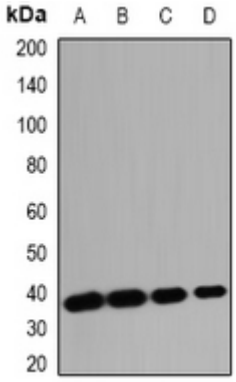
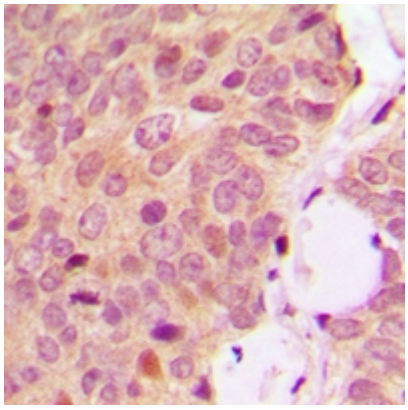


Western blot analysis of OMI expression in HT29 (A), MCF7 (B), mouse heart (C), mouse kidney (D) whole cell lysates. (Predicted band size: 38; 39; 46; 48 kD; Observed band size: 36 kD)



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 the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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