

HTRA2 Rabbit pAb

Catalog No.: A14877

Basic Information

Observed MW

36kDa

Calculated MW

49kDa

Category

Primary antibody

Applications

WB, IHC-P, IP, ELISA

Cross-Reactivity

Human, Mouse, Rat

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 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 multiple transcript variants encoding different isoforms.

Recommended Dilutions

WB 1:500 - 1:2000

IHC-P 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on your
specific assay requirements.

Immunogen Information

Gene ID

27429

Swiss Prot

O43464

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

OMI; MGCA8; PARK13; PRSS25; HTRA2

Contact

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Product Information

Source

Rabbit

Isotype

IgG

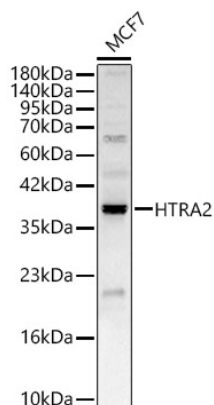
Purification

Affinity purification

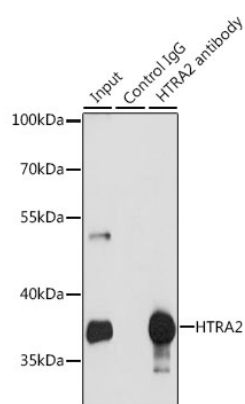
Storage

Store at -20°C

Validation Data



Western blot analysis of lysates from MCF7 cells, using HTRA2 Rabbit pAb (A14877) at 1:2000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg HTRA2 antibody (A14877).
Western blot was performed from the immunoprecipitate using HTRA2 antibody (A14877) at a dilution of 1:1000.