Anti-HtrA2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P102327

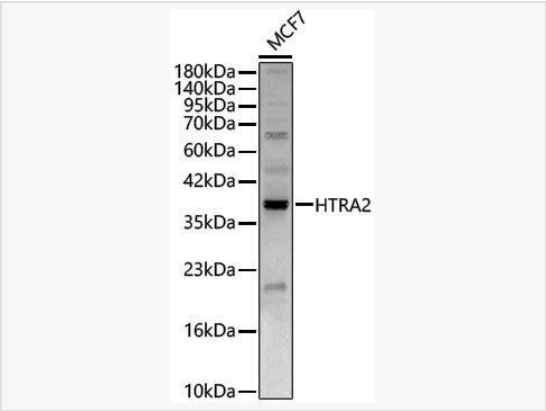
Product Information

Application	WB, IHC-P, IP, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:2000; IHC-P 1:50~1:200; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 334-458 of human HTRA2 (NP_037379.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-HtrA2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

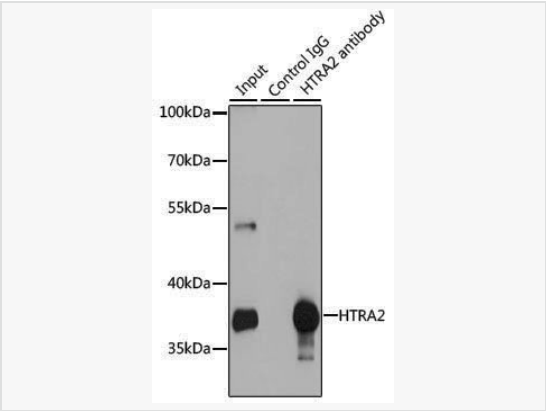
Protein Information

Synonyms	OMI; MGCA8; PARK13; PRSS25; HTRA2.
Calculated MW	Calculated MW: 49 kDa; Observed MW: 36 kDa
Uniprot ID	O43464
Gene ID	27429
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.

Validation Images



Western blot analysis of lysates from MCF7 cells, using HTRA2 Rabbit pAb (P102327) at 1:2,000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Kit.
Exposure time: 60s.



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg HTRA2 antibody (P102327). Western blot was performed from the immunoprecipitate using HTRA2 antibody (P102327) at a dilution of 1:1000.