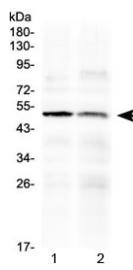


## HtrA3 Antibody (R32751)

Catalog No.	Formulation	Size
R32751	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
<b>UniProt</b>	P83110
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	This HtrA3 antibody is available for research use only.



Western blot testing of human 1) PANC1 and 2) HepG2 cell lysate with HtrA3 antibody at 0.5ug/ml. Predicted molecular weight ~49 kDa.

## Description

Human HtrA3 protease, which induces mitochondria-mediated apoptosis, can be a tumor suppressor and a potential therapeutic target in the treatment of cancer. It may also have a role in ovarian development, granulosa cell differentiation and luteinization. The long isoform, HTRA3L, contains 453 amino acids and has a predicted molecular mass of 49 kD. It contains an N-terminal signal peptide, followed by an insulin/IGF (see 147440)-binding domain, a Kazal-type S protease inhibitor domain, a trypsin protease domain, and a PDZ domain. The short isoform, HTRA3S, contains 357 amino acids and has a predicted molecular mass of 38 kD.

## Application Notes

Optimal dilution of the HtrA3 antibody should be determined by the researcher.

## Immunogen

Amino acids 330-362 (FAIPSDRITRFLTEFQDKQIKDWKKRFIGIRM) from the human protein were used as the immunogen for the HtrA3 antibody.

## Storage

After reconstitution, the HtrA3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.