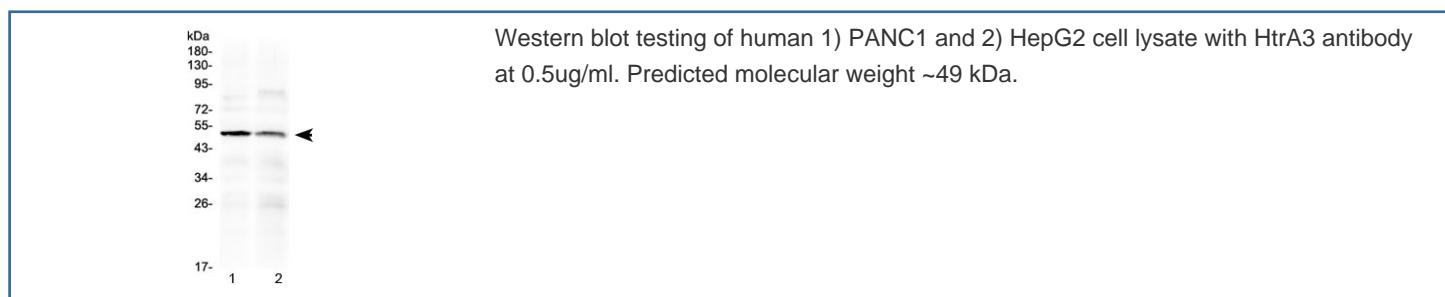


HtrA3 Antibody (R32751)

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

Bulk quote request

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



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 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.