

Datasheet for ABIN5647345
anti-HTRA3 antibody (AA 330-362)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	HTRA3
Binding Specificity:	AA 330-362
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HTRA3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids 330-362 (FAIPSDRITRFLTEFQDKQIKDWKKRFIGIRMR) from the human protein were used as the immunogen for the HtrA3 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	HTRA3
Alternative Name:	HtrA3 (HTRA3 Products)
Background:	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,

Target Details

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.

UniProt: [P83110](#)

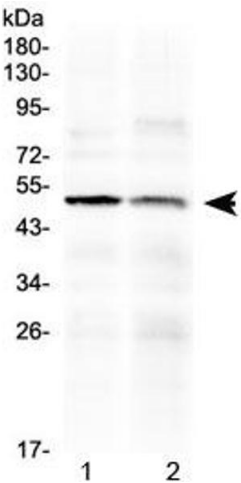
Application Details

Application Notes:	Optimal dilution of the HtrA3 antibody should be determined by the researcher.\. WB: 0.5-1 μ g/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 $^{\circ}$ C
Storage Comment:	After reconstitution, the HtrA3 antibody can be stored for up to one month at 4 $^{\circ}$ C. For long-term, aliquot and store at -20 $^{\circ}$ C. Avoid repeated freezing and thawing.

Images



Western Blotting

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