

For Research Use Only

HTRA3 Polyclonal antibody

Catalog Number: 31369-1-AP



Basic Information

Catalog Number:

31369-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG35448

GenBank Accession Number:

NM_053044.4

GeneID (NCBI):

94031

UNIPROT ID:

P83110

Full Name:

HtrA serine peptidase 3

Calculated MW:

49kDa, 453aa

Observed MW:

49 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : SK-N-SH cells, Saos-2 cells, U-87 MG cells

Background Information

HTRA3 is one of the four members of the HtrA family proteins, with a secreted multidomain and serine protease activity, which plays an important role in cellular stress response, protein homeostasis, and apoptosis. HTRA3 is highly expressed in the decidual cells in the late secretory phase of the menstrual cycle and throughout pregnancy, and in most trophoblast cell types, apart from the invading interstitial trophoblast during the first trimester. HTRA3 and its family members are down-regulated in several cancers and are proposed as tumor suppressors (PMID: 21321049, 22229724).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

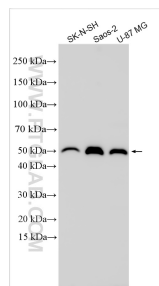
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 31369-1-AP (HTRA3 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.