
HTRA4 Rabbit pAb

Catalog Number: bs-18101R

Target Protein: HTRA4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted:Cow)

Predicted MW: 49 kDa

Subcellular: Secreted

Locations:

Entrez Gene: 203100

Swiss Prot: P83105

Source: KLH conjugated synthetic peptide derived from human HTRA4: 251-350/476.

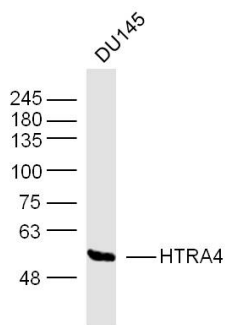
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

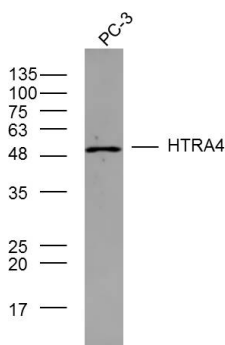
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a member of the HtrA family of proteases. The encoded protein contains a putative signal peptide, an insulin growth factor binding domain, a Kazal protease inhibitor domain, a conserved trypsin domain and a PDZ domain. Based on studies on other related family members, this enzyme may function as a secreted oligomeric chaperone protease to degrade misfolded secretory proteins. Other human HtrA proteins have been implicated in arthritis, tumor suppression, unfolded stress response, apoptosis, and aging. [provided by RefSeq, Oct 2008]

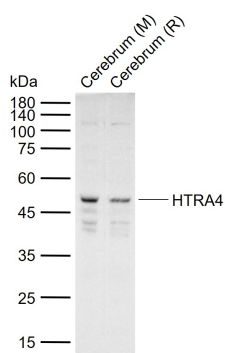
VALIDATION IMAGES



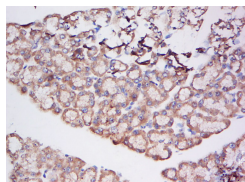
Protein: DU145(human) lysates at 30ug; Primary: Rabbit Anti-HTRA4(bs-18101) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:49 kD Observed band size:50 kD



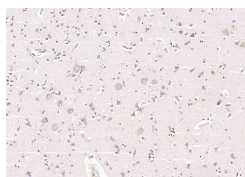
Sample: PC-3 Cell (Human) Lysate at 30 ug Primary: Anti- HTRA4 (bs-18101R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 51 kD Observed band size: 51 kD



Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Primary: Anti-HTRA4 (bs-18101R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kDa Observed band size: 50 kDa



Tissue/cell: Rat pancreas tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-HTRA4 Polyclonal Antibody, Unconjugated(bs-18101R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (human brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (HTRA4) Polyclonal Antibody, Unconjugated (bs-18101R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=2.7] Yan Chen. et al. HtrA3: a promising prognostic biomarker and therapeutic target for head and neck squamous cell carcinoma. PEERJ. 2023 Oct;11:e16237 IHC,WB ; Human . 37842043