

bs-18101R

[Primary Antibody]

HTRA4 Rabbit pAb

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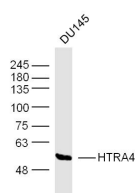
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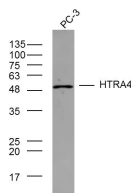
DATASHEET

Host: Rabbit	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 Location: Secreted
Clonality: Polyclonal		
GeneID: 203100	SWISS: P83105	
Target: HTRA4		
Immunogen: KLH conjugated synthetic peptide derived from human HTRA4: 251-350/476.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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]		

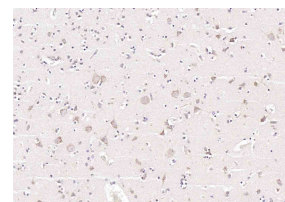
VALIDATION IMAGES



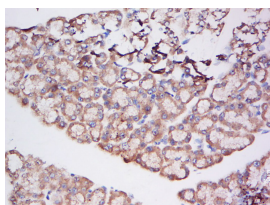
Protein: DU145(human) lysates at 30ug; Primary: Rabbit Anti-HTRA4(bs-18101) at 1:300; Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:49 kD Observed band size:50 kD



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



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) instructions and DAB staining.



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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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

— SELECTED CITATIONS —

- **[IF=3.8]** Kong Hongfang. et al. Htra4 promotes vascular endothelial cell injury and is associated with the early-onset of preeclampsia. SCI REP-UK. 2025 Apr;15(1):1-11 WB ;Human. 40189618
- **[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