## bs-18101R

## [ Primary Antibody ]

www.bioss.com.cn sales@bioss.com.cn techsupport@bioss.com.cn 400-901-9800

# HTRA4 Rabbit pAb

DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 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]

Applications: WB (1:500-2000)

**IHC-P** (1:100-500) IHC-F (1:100-500) **IF** (1:100-500)

Reactivity: Human, Mouse, Rat

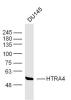
(predicted: Cow)

Predicted

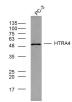
49 kDa MW.:

Subcellular Secreted

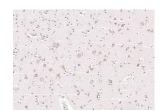
### VALIDATION IMAGES



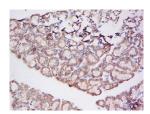
Protein: DU145(human) lyates at 30ug; Primary: Rabbit Anti-HTRA4(bs-18101) at 1:300: Secondary: 800CW Conjugated Goat (polyclonal) Anti-Rabbit IgG(H+L) at 1: 10000; Predicted band size:49 kD Observed band size:50 kD



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 paraffinembedded; 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

## - 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