

bs-1545R**[Primary Antibody]****Bioss**
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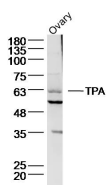
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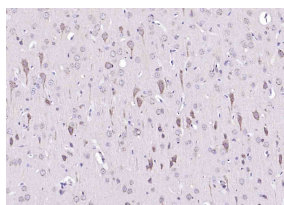
400-901-9800

TPA Rabbit pAb**— DATASHEET —**

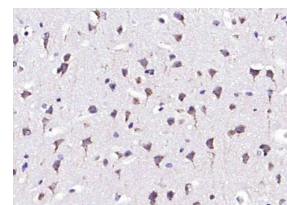
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 5327	SWISS: P00750	IHC-F (1:100-500)
Target: TPA		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human Tissue-type plasminogen activator chain B: 485-562/562.		Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Horse)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 28/58 kDa
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.		Subcellular Location: Secreted
Background: This gene encodes tissue-type plasminogen activator, a secreted serine protease which converts the proenzyme plasminogen to plasmin, a fibrinolytic enzyme. Tissue-type plasminogen activator is synthesized as a single chain which is cleaved by plasmin to a two chain disulfide linked protein. This enzyme plays a role in cell migration and tissue remodeling. Increased enzymatic activity causes hyperfibrinolysis, which manifests as excessive bleeding; decreased activity leads to hypofibrinolysis which can result in thrombosis or embolism. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Ovary (Mouse) Lysate at 40 ug Primary: Anti-TPA (bs-1545R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kD Observed band size: 62 kD



Paraformaldehyde-fixed, paraffin embedded (rat 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; Antibody incubation with (TPA) Polyclonal Antibody, Unconjugated (bs-1545R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse 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; Antibody incubation with (TPA) Polyclonal Antibody, Unconjugated (bs-1545R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=6.34]** Balaoing, Liezl R., et al. "Age-Related Changes in Aortic Valve Hemostatic Protein Regulation." Arteriosclerosis, Thrombosis, and Vascular Biology (2013): ATVBAHA-113. IHC ;="Pig". 24177329
- **[IF=5.7]** Lili Yang. et al. HerbalHuoXueTongFuFormula with anti-inflammatory and fibrinolytic activity regulation for the prevention of postoperative peritoneal adhesions. FRONTIERS IN IMMUNOLOGY. 2025 Jan 23;15:1510766. ;Mouse. 39916958

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

- **[IF=3.484]** Abicht J.-M. et al. Multiple genetically modified GTKO/hCD46/HLA-E/hβ2—mg porcine hearts are protected from complement activation and natural killer cell infiltration during ex vivo perfusion with human blood. Xenotransplantation, 2018. e12390. IF ;Pig. doi:10.1111/xen.12390doi:10.1111/xen.12390
- **[IF=3.263]** Makuszevska, Maria. et al. Enhanced Expression of Plasminogen Activators and Inhibitor in the Healing of Tympanic Membrane Perforation in Rats. JARO-J ASSOC RES OTO. 2023 Feb;;1-12 IF, WB ;Rat. 36810718