

bs-0733R**[Primary Antibody]****Bioss**
ANTIBODIES

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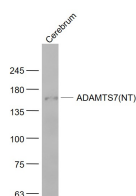
sales@bioss.com.cn

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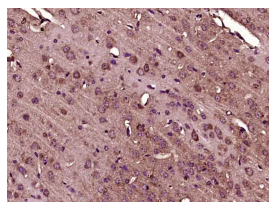
400-901-9800

ADAMTS7(NT) Rabbit pAb**— DATASHEET —**

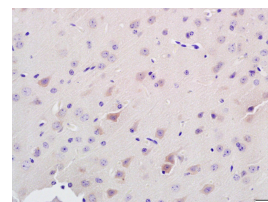
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 11173	SWISS: Q6P7J9	IHC-F (1:100-500)
Target: ADAMTS7(NT)		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human ADAMTS7: 241-340/1595.		Reactivity: Mouse, Rat (predicted: Human)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 158 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 ,Extracellular matrix ,Cell membrane
Background: Metalloprotease that may play a role in the degradation of COMP. Binds 1 zinc ion per subunit. pH dependence: Optimum pH is between 7.5 and 9.5. [Subcellular location] Secreted, extracellular space, extracellular matrix (By similarity). Note=Also found associated with the external cell surface[Tissue specificity] Expressed in heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Detected in meniscus, bone, tendon, cartilage, synovium, fat and ligaments. Up-regulated in articular cartilage and synovium from arthritis patients.		

— VALIDATION IMAGES —

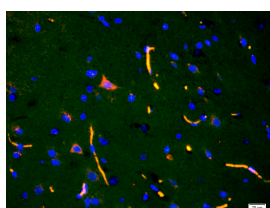
Sample: Cerebrum (Mouse) Lysate at 40 ug
 Primary: Anti- ADAMTS7(NT) (bs-0733R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 158 kD
 Observed band size: 158 kD



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 (ADAMTS7(NT)) Polyclonal Antibody, Unconjugated (bs-0733R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: rat brain 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-ADAMTS7 Polyclonal Antibody, Unconjugated(bs-0733R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-ADAMTS7 Polyclonal Antibody, Unconjugated(bs-0733R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

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

37°C for 20 min; Incubation: Anti-ADAMTS7
Polyclonal Antibody, Unconjugated(bs-0733R)
1:200, overnight at 4°C; The secondary antibody
was Goat Anti-Rabbit IgG, Cy3
conjugated(bs-0295G-Cy3)used at 1:200 dilution
for 40 minutes at 37°C. DAPI(5ug/ml,blue,C-0033)
was used to stain the cell nuclei