

bs-1980R**[Primary Antibody]****Bioss**
ANTIBODIES

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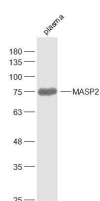
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techsupport@bioss.com.cn

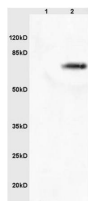
400-901-9800

MASP2 Rabbit pAb**— DATASHEET —**

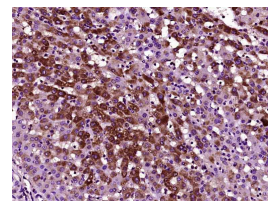
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Horse) Predicted MW.: 74 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 10747	SWISS: O00187	
Target: MASP2		
Immunogen: KLH conjugated synthetic peptide derived from human MASP2: 351-450/686.		
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 peptidase S1 family of serine proteases. The encoded preproprotein is proteolytically processed to generate A and B chains that heterodimerize to form the mature protease. This protease cleaves complement components C2 and C4 in order to generate C3 convertase in the lectin pathway of the complement system. The encoded protease also plays a role in the coagulation cascade through cleavage of prothrombin to form thrombin. Myocardial infarction and acute stroke patients exhibit reduced serum concentrations of the encoded protein. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]		

— VALIDATION IMAGES —

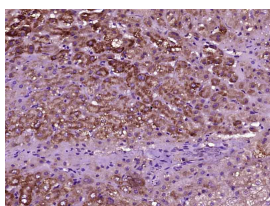
Sample: Plasma(Rat) Lysate at 40 ug Primary:
Anti-MASP2 (bs-1980R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 74 kD
Observed band size: 75 kD



Sample: Lung (Mouse) Lysate at 40 ug Cerebrum
(Mouse) Lysate at 40 ug Primary: Anti- MASP2
(bs-1980R) at 1/300 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 74 kD Observed
band size: 74 kD



Paraformaldehyde-fixed, paraffin embedded
(Human liver); 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 (MASP2) Polyclonal Antibody,
Unconjugated (bs-1980R) at 1:400 overnight at
4°C, followed by operating according to SP
Kit(Rabbit) (sp-0023) instructions and DAB
staining.



Paraformaldehyde-fixed, paraffin embedded
(Human liver carcinoma); Antigen retrieval by

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

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 (MASP2) Polyclonal Antibody, Unconjugated (bs-1980R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.