

bs-7519R**[Primary Antibody]****SEMA4A Rabbit pAb****Bioss**
ANTIBODIES

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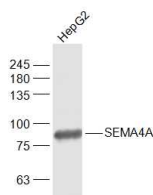
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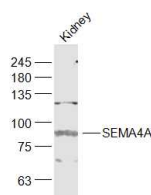
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— DATASHEET —

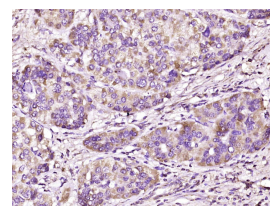
Host: Rabbit Clonality: Polyclonal GeneID: 64218 Target: SEMA4A Immunogen: KLH conjugated synthetic peptide derived from human SEMA4A: 361-460/761. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: SEMA4A belongs to the semaphorin family of soluble and transmembrane proteins. These proteins play a role in guidance of axonal migration during neuronal development and in immune responses.	Isotype: IgG Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse (predicted: Rat, Rabbit, Pig, Cow, Dog) Predicted MW.: 80 kDa Subcellular Location: Cell membrane
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— VALIDATION IMAGES —

Sample: HepG2(Human) Cell Lysate at 30 ug
Primary: Anti-SEMA4A (bs-7519R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 80 kD
Observed band size: 83 kD



Sample: Kidney (Mouse) Lysate at 40 ug
Primary: Anti-SEMA4A (bs-7519R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 80 kD
Observed band size: 83 kD



Paraformaldehyde-fixed, paraffin embedded (human liver carcinoma); 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 (SEMA4A) Polyclonal Antibody, Unconjugated (bs-7519R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=3.946]** Marii Azumane. et al. Semaphorin-RhoA signaling regulates HERS maintenance by acting against TGF- β -induced EMT. J PERIODONTAL RES. 2022 Dec;; IHC ;Mouse. 36517910