

bs-10052R**[Primary Antibody]****EPHA10 Rabbit pAb****Bioss**
ANTIBODIES

www.bioss.com.cn

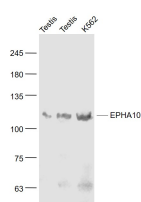
sales@bioss.com.cn

techsupport@bioss.com.cn

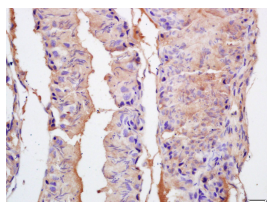
400-901-9800

DATASHEET

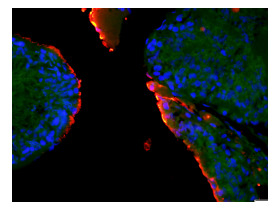
Host: Rabbit Clonality: Polyclonal GeneID: 284656 Target: EPHA10 Immunogen: KLH conjugated synthetic peptide derived from human EPHA10: 151-250/1008. Purification: affinity purified by Protein A Concentration: 1mg/ml Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. Background: The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date (1–3). While the biological activities of these receptors have yet to be determined, there is increasing evidence that they are involved in central nervous system function and in development (1–3). The Eph subfamily receptors of human origin (and their murine/avian homologs) include EphA1 (Eph), EphA2 (Eck), EphA3 (Hek4), EphA4 (Hek8), EphA5 (Hek7), EphA6 (Hek12), EphA7 (Hek11/MDK1), EphA8 (Hek3), EphB1 (Hek6), EphB2 (Hek5), EphB3 (Cek10, Hek2), EphB4 (Htk), EphB5 (Hek9) and EphB6 (Mep). Ligands for Eph receptors include ephrin-A4 (LERK-4) which binds EphA3 and EphB1. In addition, ephrin-A2 (ELF-1) has been described as the ligand for EphA4, ephrin-A3 (Ehk1-L) as the ligand for EphA5 and ephrin-B2 (Htk-L) as the ligand for EphB4 (Htk) (4–7).	Isotype: IgG SWISS: Q5JZY3 Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Rabbit, Pig, Cow, Chicken, Dog, GuineaPig, Horse) Predicted MW.: 107 kDa Subcellular Location: Secreted ,Cell membrane
--	---

VALIDATION IMAGES

Sample: Testis (Mouse) Lysate at 40 ug Testis (Rat) Lysate at 40 ug K562(Human) Cell Lysate at 30 ug Primary: Anti- EPHA10 (bs-10052R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 107 kD Observed band size: 107 kD



Tissue/cell: rat testis 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-EPHA10 Polyclonal Antibody, Unconjugated(bs-10052R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat testis 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-EPHA10 Polyclonal Antibody, Unconjugated(bs-10052R) 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

SELECTED CITATIONS

- **[IF=5.714]** Wenye Zhao. et al. EphA10 drives tumor progression and immune evasion by regulating the MAPK/ERK cascade in lung adenocarcinoma. INT IMMUNOPHARMACOL. 2022 Sep;110:109031 WB,IHC ;Human. 35839564
- **[IF=4.32]** Zang et al. Anti-Epha10 antibody-conjugated pH-sensitive liposomes for specific intracellular delivery of

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

siRNA. (2016) Int.J.Nanomedicin. 11:3951-67 FCM ;Human. 27574425