

bs-10209R**[Primary Antibody]****EphA2 Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

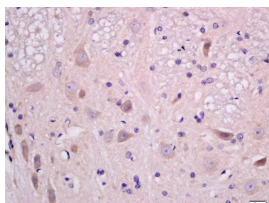
sales@bioss.com.cn

techsupport@bioss.com.cn

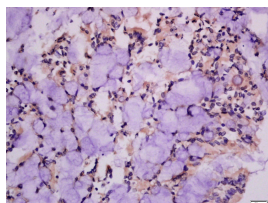
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 105 kDa Subcellular Location: Cell membrane
Clonality: Polyclonal		
GeneID: 1969	SWISS: P29317	
Target: EphA2		
Immunogen: KLH conjugated synthetic peptide derived from human EphA2: 401-500/976. < Extracellular >		
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 belongs to the ephrin receptor subfamily of the protein- tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys- rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. This gene encodes a protein that binds ephrin-A ligands. Mutations in this gene are the cause of certain genetically-related cataract disorders.[provided by RefSeq, May 2010].		

— VALIDATION IMAGES —

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-EphA2 Polyclonal Antibody,
Unconjugated(bs-10209R) 1:200, overnight at
4°C, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat intestine 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-EphA2 Polyclonal Antibody,
Unconjugated(bs-10209R) 1:200, overnight at
4°C, followed by conjugation to the secondary
antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=3.4]** Fu, Huangde. et al.Dihydroartemisinin inhibits EphA2/PI3K/Akt pathway-mediated malignant behaviors and
vasculogenic mimicry in glioma stem cells.HELIVON.2025 Jan 20;11(3):e42095. Western blot, IF ;Rat. 39916855