

bs-4897R**[Primary Antibody]****ACKR3 Rabbit pAb****BioSS**
ANTIBODIES

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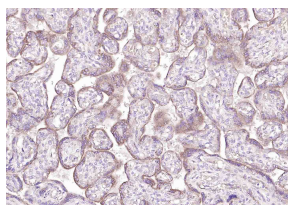
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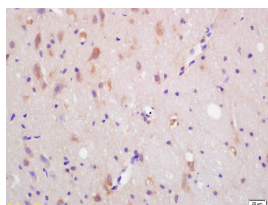
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 57007	SWISS: P25106	IF (1:100-500)
Target: ACKR3		Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Dog, Horse)
Immunogen: KLH conjugated synthetic peptide derived from human CXCR7: 151-250/362. < Extracellular >		Predicted MW.: 40 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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 G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human placenta); 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; Incubation with (ACKR3) Polyclonal Antibody, Unconjugated (bs-4897R) at 1:200 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-CXCR7/RDC1 Polyclonal Antibody, Unconjugated(bs-4897R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=2.93]** Tang, Xin, et al. "Downregulation of CXCR7 inhibits proliferative capacity and stem cell-like properties in breast cancer stem cells." Tumor Biology (2016): 1-9. WB ;="Human". 27460092
- **[IF=1.39]** Cao, Yongfeng, et al. "MicroRNA-100 suppresses human gastric cancer cell proliferation by targeting CXCR7." Oncology Letters. WB ;="Human". 29422961
- **[IF=1.39]** Cao et al. MicroRNA-100 suppresses human gastric cancer cell proliferation by targeting CXCR7. (2018) Oncol.Lett. 15:453-458 WB ;Human. 29422961

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