

ACKR3 Rabbit pAb

Catalog Number: bs-4897R

Target Protein: ACKR3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)

Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Dog, Horse)

Predicted MW: 40 kDa

Entrez Gene: 57007

Swiss Prot: P25106

Source: KLH conjugated synthetic peptide derived from human CXCR7: 151-250/362.

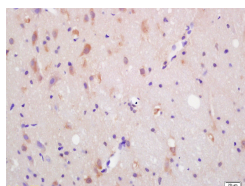
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

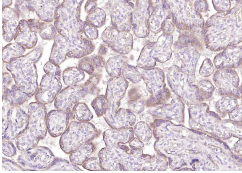
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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



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



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.

PRODUCT SPECIFIC PUBLICATIONS

[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