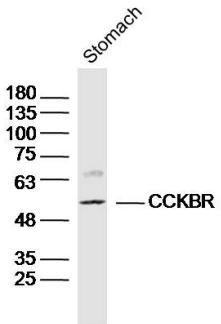
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

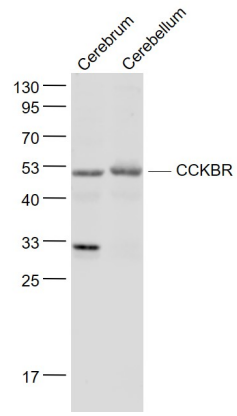
CCKBR Rabbit pAb

Catalog Number:	bs-1777R
Target Protein:	CCKBR
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Mouse, Rat (predicted:Human, Rabbit, Cow)
Predicted MW:	48 kDa
Entrez Gene:	887
Swiss Prot:	P32239
Source:	KLH conjugated synthetic peptide derived from human Gastrin receptor: 301-400/447.
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:	Receptor for gastrin and cholecystokinin. The CKK-B receptors occur throughout the central nervous system where they modulate anxiety, analgesia, arousal, and neuroleptic activity. This receptor mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Isoform 2 is constitutively activated and may regulate cancer cell proliferation via a gastrin-independent mechanism.

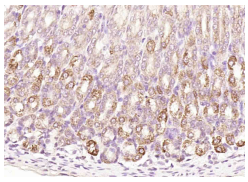
VALIDATION IMAGES



Sample: Stomach(Mouse) Lysate at 40 ug Primary: Anti- CCKBR (bs-1777R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 53 kD



Sample: Cerebrum (Mouse) Lysate at 40 ug Cerebellum (Mouse) Lysate at 40 ug Primary: Anti- CCKBR (bs-1777R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48 kD Observed band size: 48 kD



Paraformaldehyde-fixed, paraffin embedded (rat stomach); 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 (CCKBR) Polyclonal Antibody, Unconjugated (bs-1777R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

PRODUCT SPECIFIC PUBLICATIONS

[IF=5.383] Ting Xiang. et al. Spinal CCK1 receptors contribute to somatic pain hypersensitivity induced by malocclusion via a reciprocal neuron-glial signaling cascade. J PAIN. 2022 Jun;: WB ; Rat . 35691467

[IF=4.26] Mohammad, Shahid, et al. "Functional compensation between cholecystokinin-1 and-2 receptors in murine paraventricular nucleus neurons." Journal of Biological Chemistry 287.47 (2012): 39391-39401. IHC ; ="Mouse" . 3038256

[IF=4.26] Mohammad et al. Functional compensation between cholecystokinin-1 and -2 receptors in murine paraventricular nucleus neurons. (2012) J.Biol.Che. 287:39391-401 IHC ; Mouse . 23038256

[IF=4.432] Lu-Lu Duan. et al. Spinal CCK contributes to somatic hyperalgesia induced by orofacial inflammation combined with stress in adult female rats. Eur J Pharmacol. 2021 Dec;913:174619 WB ; Rat . 34748768