

bs-6883R**[Primary Antibody]****BioSS**
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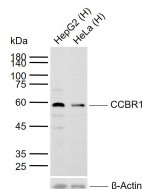
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CCBR1 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-1000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat)
GeneID: 23657	SWISS: Q9UPY5	
Target: CCBR1		Predicted MW.: 55 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 a heteromeric, sodium-independent, anionic amino acid transport system that is highly specific for cysteine and glutamate. In this system, designated Xc(-), the anionic form of cysteine is transported in exchange for glutamate. This protein has been identified as the predominant mediator of Kaposi sarcoma-associated herpesvirus fusion and entry permissiveness into cells. Also, increased expression of this gene in primary gliomas (compared to normal brain tissue) was associated with increased glutamate secretion via the XCT channels, resulting in neuronal cell death. [provided by RefSeq, Sep 2011].		

VALIDATION IMAGES

Sample: Lane 1: Human HepG2 cell lysates Lane
2: Human HeLa cell lysates Primary: Anti-CCBR1
(bs-6883R) at 1/1000 dilution Secondary:
IRDye800CW Goat Anti-Rabbit IgG at 1/20000
dilution Predicted band size: 55 kDa Observed
band size: 57 kDa

SELECTED CITATIONS

- **[IF=8.2]** Jiajia Yang. et al. Structural characterization and ferroptosis-related immunomodulatory of a novel exopolysaccharide isolated from marine fungus *Aspergillus medius*. INT J BIOL MACROMOL. 2024 Mar;;130703 WB ;Mouse. 38458279
- **[IF=7.5]** Shengting Wu. et al. ADSC-Exos enhance functional recovery after spinal cord injury by inhibiting ferroptosis and promoting the survival and function of endothelial cells through the NRF2/SLC7A11/GPX4 pathway. BIOMED PHARMACOTHER. 2024 Mar;172:116225 WB ;Rat,Human. 38306845
- **[IF=6.7]** Siqi Li. et al.Revealing the gastric protective mechanism of *Physochlaina physaloides* (L) G. Don. with clinical orientation: PPAR/NF-κB signalling pathway activation..PHYTOMEDICINE.2025 Mar 16:141:156642. Western blot ;Human. 40120539
- **[IF=7.31]** Huang Bin. et al. Dapagliflozin Ameliorates Renal Tubular Ferroptosis in Diabetes via SLC40A1 Stabilization.

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

OXID MED CELL LONGEV. 2022;2022:9735555 WB,IP ;Mouse,Human. 35993021

- **[IF=6.244]** Li Y. et al. <i>Scutellaria barbata</i> Inhibits Hepatocellular Carcinoma Tumorigenicity by Inducing Ferroptosis of Hepatocellular Carcinoma Cells.. Front Oncol. 2022 Mar;12:693395-693395 WB ;Mouse,Human. 35321425