

## phospho-CTBP1 (Ser422) Rabbit pAb

Catalog Number: bs-11275R

Target Protein: phospho-CTBP1 (Ser422)

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: Rat (predicted:Human, Mouse, Cow, Chicken, Dog, Horse, Danio rerio)

Predicted MW: 49 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 1487

Swiss Prot: Q13363

Source: KLH conjugated synthesised phosphopeptide derived from human CTBP1 around the phosphorylation site of Ser422: AP(p-S)PG.

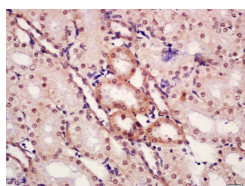
Purification: affinity purified by Protein A

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

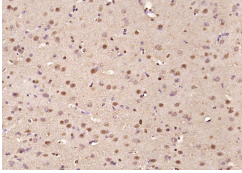
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: CtBP1 associates in complexes with histone deacetylases (HDAC), the G9a histone methyltransferase, and LSD1 histone demethylase illustrating its role in transcriptional repression. Through its association with centrosomes, CtBP1 appears to also play a role in mitosis and Golgi complex organization.

### VALIDATION IMAGES



Tissue/cell: rat kidney 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-phospho-CTBP1(Ser422) Polyclonal Antibody, Unconjugated(bs-11275R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Paraformaldehyde-fixed, paraffin embedded (rat brain); 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 (phospho-CTBP1 (Ser422)) Polyclonal Antibody, Unconjugated (bs-11275R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.