

bsm-62448R**[Primary Antibody]**

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CTBP2 Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Clonality:** Recombinant**GeneID:** 1488**Target:** CTBP2**Isotype:** IgG**CloneNo.:** 9B7**SWISS:** P56545**Immunogen:** A synthesized peptide derived from human CtBP2: 415-445.**Purification:** affinity purified by Protein A

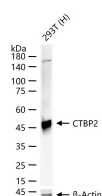
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Corepressor targeting diverse transcription regulators. Functions in brown adipose tissue (BAT) differentiation.

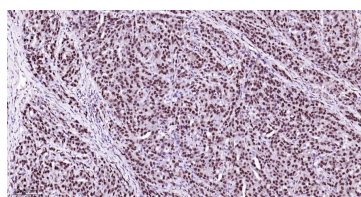
Applications: WB (1:500-2000)**IHC-P** (1:50-200)**IHC-F** (1:50-200)**IF** (1:50-200)**Flow-Cyt** (1:50-100)**ICC/IF** (1:50-200)**Reactivity:** Human, Mouse, Rat

Predicted
MW.: 49

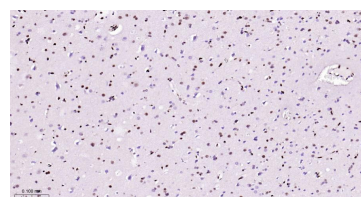
Subcellular
Location: Cell membrane ,Nucleus

VALIDATION IMAGES

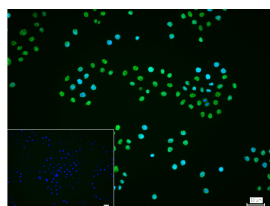
25 ug total protein per lane of various lysates (see on figure) probed with CTBP2 monoclonal antibody, unconjugated (bsm-62448R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



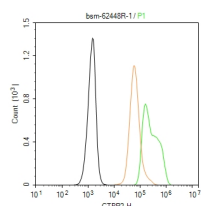
Paraformaldehyde-fixed, paraffin embedded Human Ovarian Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CTBP2 Monoclonal Antibody, Unconjugated (bsm-62448R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Glioma; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with CTBP2 Monoclonal Antibody, Unconjugated (bsm-62448R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



4% Paraformaldehyde-fixed HeLa (H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (CTBP2) monoclonal Antibody, unconjugated (bsm-62448R) 1:100, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-60295G-BF488) at 37°C for 90 min, DAPI (blue, C02-04002) was used to stain the cell nuclei. PBS instead of the primary antibody was used as the blank control.



The HeLa (H) cells were fixed with 4% PFA (10 min at r.t.) and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, the cells then were incubated in 5%BSA to block non-specific protein-protein interactions (30 min at r.t.), followed by secondary antibody incubation for 40 min at room temperature. Primary Antibody (green):Rabbit Anti-CTBP2 antibody (bsm-62448R,1:100); Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.