

**bs-4208R****[ Primary Antibody ]****Cullin 1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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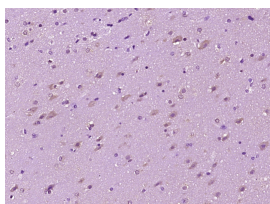
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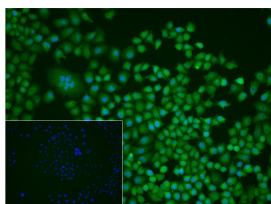
400-901-9800

**— DATASHEET —**

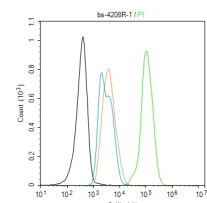
<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> IHC-P (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500) <b>Flow-Cyt</b> (1:ug/Tst) <b>ICC/IF</b> (1:50)  <b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Cow)  <b>Predicted MW.:</b> 85 kDa  <b>Subcellular Location:</b> Cytoplasm ,Nucleus
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 8454	<b>SWISS:</b> Q13616	
<b>Target:</b> Cullin 1		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human Cullin 1: 701-776/776.		
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> Cullin 1 may be involved in the degradation of positive cell cycle regulators (for example G1 cyclins in yeast). Human cullin 1 forms a complex with Skp1 and the F box protein Skp2, which is thought to play a role in the ubiquitination of G1 regulatory proteins, as its homolog does in yeast.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); 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 (Cullin 1) Polyclonal Antibody, Unconjugated (bs-4208R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



4% Paraformaldehyde-fixed HeLa(H) cell; Triton X-100 at r.t. for 20 min; Antibody incubation with (Cullin 1) polyclonal Antibody, unconjugated (bs-4208R) 1:50, 90 min at 37°C; followed by conjugated Goat Anti-Rabbit IgG antibody (green, bs-0295G-FITC) 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. Primary Antibody (green): Rabbit Anti-Cullin 1 antibody (bs-4208R): 1 µg/10<sup>6</sup> cells; Secondary Antibody (white blue): Goat anti-Rabbit IgG-FITC (bs-0295G-FITC) 1 µg/test. Isotype Control (orange): Rabbit IgG (bs-0295P). Blank control (black): PBS. Acquisition of 20,000 events was performed.