

**bs-11339R****[ Primary Antibody ]****CLSTN2 Rabbit pAb****Bioss**  
**ANTIBODIES**

www.bioss.com.cn

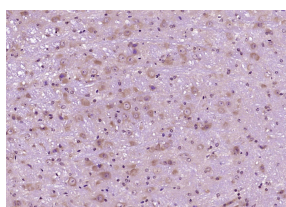
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> <b>IHC-P</b> (1:100-500) <b>IHC-F</b> (1:100-500) <b>IF</b> (1:100-500)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 64084	<b>SWISS:</b> Q9H4D0	
<b>Target:</b> CLSTN2		<b>Reactivity:</b> Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Horse)
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CLSTN2: 261-360/955. < Extracellular >		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 105 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane ,Cytoplasm
<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> Members of the calsyntenin protein family are localized to the post-synaptic membrane of excitatory central nervous system (CNS) synapses. Calsyntenin-2, also known as Alcadin-gamma, is a 955 amino acid protein that localizes to the endoplasmic reticulum, golgi apparatus and plasma membranes. Containing 2 cadherin-like repeats in its N-terminal extracellular region, calsyntenin-2 binds synaptic calcium with its cytoplasmic domain, suggesting a role in the modulation of calcium-mediated postsynaptic signals. Under normal physiological conditions, calsyntenin-2 is proteolytically processed in an event in which the primary zeta-cleavage generates a short C-terminal transmembrane fragment and a long extracellular N-terminal domain.		

**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Mouse cerebellum); 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 (CLSTN2) Polyclonal Antibody, Unconjugated (bs-11339R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.