

**bs-22918R****[ Primary Antibody ]****CD171/L1CAM Rabbit pAb****Bioss**  
ANTIBODIES

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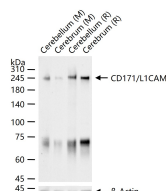
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Mouse, Rat
<b>GeneID:</b> 3897	<b>SWISS:</b> P32004	
<b>Target:</b> CD171/L1CAM		
<b>Purification:</b> affinity purified by Protein A		<b>Predicted MW.:</b> 138 kDa
<b>Concentration:</b> 1mg/ml		<b>Subcellular Location:</b> Cell membrane
<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> L1cam (L1 cell adhesion molecule isoform 1 precursor) is an axonal glycoprotein belonging to the immunoglobulin supergene family. The ectodomain, consisting of several immunoglobulin-like domains and fibronectin-like repeats (type III), is linked via a single transmembrane sequence to a conserved cytoplasmic domain. This cell adhesion molecule plays an important role in nervous system development, including neuronal migration and differentiation. Mutations in the gene cause three X-linked neurological syndromes known by the acronym CRASH (corpus callosum hypoplasia, retardation, aphasia, spastic paraplegia and hydrocephalus). Alternative splicing of a neuron-specific exon is thought to be functionally relevant. [provided by RefSeq].		

**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with CD171/L1CAM polyclonal antibody, unconjugated (bs-22918R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.