

bs-5845R**[Primary Antibody]**

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TAG1 Rabbit pAb**— DATASHEET —**

<p>Host: Rabbit</p> <p>Clonality: Polyclonal</p> <p>Target: TAG1</p> <p>Immunogen: KLH conjugated synthetic peptide derived from human TAG1: 161-260/1040.</p> <p>Purification: affinity purified by Protein A</p> <p>Concentration: 1mg/ml</p> <p>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.</p> <p>Background: Contactin 2 is a neuronal cell adhesion molecule (CAM) that influences the formation of axon connections in the developing nervous system. Contactin 2 is a member of the immunoglobulin superfamily (IgSF) and contains a glycosylphosphatidylinositol-anchor, six immunoglobulin (Ig)-like and four Fibronectin type III (FNIII)-like domains. Contactin 2 is expressed predominantly during neural development on the cell membrane of axons in nerve fiber tracts in order to guide commissural axons without promoting their growth. Contactin 2 binds with NgCAM in the plane of the same membrane (cis-binding). The Contactin 2 heterophilic (Contactin 2/NgCAM and Contactin 2/NrCAM) binding sites are localized to the first four Ig domains. The Contactin 2 homophilic (Contactin 2/Contactin 2) binding site is localized to the FNIII domain.</p>	<p>Isotype: IgG</p> <p>GeneID: 6900</p> <p>Applications: ELISA (1:5000-10000)</p> <p>Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Sheep, Cow, Dog, Horse)</p> <p>Predicted MW: 107 kDa</p> <p>Subcellular Location: Cell membrane</p>
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