



# DSCAM Polyclonal Antibody

<b>Catalog No</b>	BYab-06948
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	DSCAM
<b>Protein Name</b>	Down syndrome cell adhesion molecule (CHD2)
<b>Immunogen</b>	Synthesized peptide derived from part region of human protein
<b>Specificity</b>	DSCAM Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	221kD
<b>Cell Pathway</b>	[Isoform Short]: Secreted .; [Isoform Long]: Cell membrane ; Single-pass type I membrane protein . Cell projection, axon . Cell projection, dendrite . Cell projection, growth cone . Cell junction, synapse . Localized in the soma, cell membrane, axon and growth cone of dissociated commissural axons. .
<b>Tissue Specificity</b>	Primarily expressed in brain.
<b>Function</b>	function:Cell adhesion molecule that can mediate cation-independent homophilic binding activity. Could be involved in nervous system development.,similarity:Contains 10 Ig-like C2-type (immunoglobulin-like) domains.,similarity:Contains 6 fibronectin type-III domains.,tissue specificity:Primarily expressed in brain.,
<b>Background</b>	This gene is a member of the immunoglobulin superfamily of cell adhesion molecules (Ig-CAMs), and is involved in human central and peripheral nervous system development. This gene is a candidate for Down syndrome and congenital heart disease (DSCHD). A gene encoding a similar Ig-CAM protein is located on

Nanjing BYabscience technology Co.,Ltd



chromosome 11. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Oct 2012],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**