

Jagged 1 Polyclonal Antibody

CATALOG #:	3101-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	Synthetic peptide surrounding amino acid 114 of rat Jagged 1
INTERNAL ID#:	BV-J85
HOST:	Rabbit
SPECIES REACTIVITY:	Human, Mouse

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti- Jagged 1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

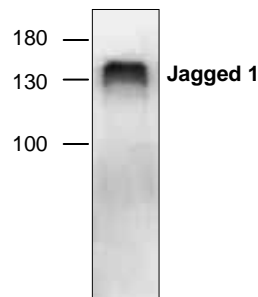
Store at -20° C. For long term storage, aliquot and freeze at -70° C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

Jagged belongs to the Delta-Serrate-Lag-2 (DSL) family of ligands that activate LIN12/Notch proteins. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged 1 is involved in mammalian cardiovascular development and in cell-fate decisions during hematopoiesis. Mutation in Jagged1 is associated with an autosomal dominant disorder known as Alagille syndrome and Familial Tetralogy of Fallot a form of complex congenital heart disease.

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (1-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3101BP-50) is available separately.



Cat. #: 3101-100 Jagged 1 Antibody.
Western blot analysis of Jagged 1 using 3T3 cell lysate.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- DNA Damage Quantification Kit
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