

Table S1. Antibodies for immunoblotting

Serial No.	Name of Antibody	Type of Antibody	Catalog No.	Manufacturer	Dilution used
1	Jagged1(28H8)	Rabbit monoclonal Antibody	2620	Cell Signaling Technology, USA	1:1000
2	ICD (Cleaved Notch1)(D3B8)	Rabbit monoclonal Antibody	4147	Cell Signaling Technology, USA	1:1000
3	GATA3 (D13C9)	Rabbit monoclonal Antibody	5852	Cell Signaling Technology, USA	1:1000
4	Egr1 (15F7)	Rabbit monoclonal Antibody	4153	Cell Signaling Technology, USA	1:1000
5	β -catenin (D10A8)	Rabbit monoclonal Antibody	8480	Cell Signaling Technology, USA	1:1000
6	p-Akt	Rabbit polyclonal Antibody	4060	Cell Signaling Technology, USA	1:2000
7	Akt,	Rabbit monoclonal Antibody	4691	Cell Signaling Technology, USA	1:2000
8	Histone H3	Rabbit polyclonal Antibody	9715	Cell Signaling Technology, USA	1:1000
9	GAPDH (14C10)	Rabbit monoclonal Antibody	2118	Cell Signaling Technology, USA	1:1000
10	β -Actin	Rabbit polyclonal Antibody	4967	Cell Signaling Technology, USA	1:2000
11	Bcl2L12	Rabbit Polyclonal Antibody	BS-5797R	Thermo Scientific, USA	1:1000
12	RBP-J κ (ab25949)	Rabbit Polyclonal Antibody	Ab25949	Abcam, UK	1:2000

Table S2. Antibodies for ChIP assays

Serial No.	Name of Antibody	Type of Antibody	Catalog No.	Manufacturer	Dilution Used
1	GATA3 (D13C9)	Rabbit monoclonal Antibody	5852	Cell Signaling Technology	1:100
2	Egr1 (15F7)	Rabbit monoclonal Antibody	4153	Cell Signaling Technology	1:50
3	β -catenin (D10A8)	Rabbit monoclonal Antibody	8480	Cell Signaling Technology	1:25
4	RBP-J κ (ABE384)	Rabbit Polyclonal Antibody	ABE384	Millipore, Germany	1:50
5	p300 (RW105)	Mouse monoclonal Antibody	MA1-1-6622	Thermo Fisher Scientific, USA	1:50

Table S3. Antibodies for functional blocking/neutralization

Serial No.	Name of Antibody	Type of Antibody	Catalog No.	Manufacturer	Concentration used
1	Notch1 (A6)	Mouse monoclonal Antibody	MA5-11961	Thermo Fisher Scientific, USA	10 μ g/ml
2	IgG (IgG2B)	Mouse monoclonal Antibody	MAB004	R&D Systems, USA	10 μ g/ml

Table S4. siRNAs for transfection

Serial No.	Name of Protein	Catalog No.	Manufacturer
1	Jagged1	sc-44336	Santa Cruz Biotechnology, USA
2	GATA3	sc-35453	Santa Cruz Biotechnology, USA
3	Bcl2L12	sc-141674	Santa Cruz Biotechnology, USA
4	RBP-J κ	sc-38215	Santa Cruz Biotechnology, USA
5	Egr1	sc-35267	Santa Cruz Biotechnology, USA
6	β -catenin	sc-29210	Santa Cruz Biotechnology, USA
7	scrambled siRNA	sc-142627	Santa Cruz Biotechnology, USA