

**S3 Table. Antibodies**

Antibody	Host and type	Application* (Dilution)	Source / Reference
Hop1	Rabbit polyclonal	IF (1:300)	(1)
Hop1-T318-P	Rabbit polyclonal	WB (1:1000)	(2)
Pgk1 (22C5D8)	Mouse monoclonal	WB (1:5000)	Molecular Probes 459250
Pch2	Rabbit polyclonal	WB (1:2000) IF (1:200)	(3)
Nsr1 (31C4)	Mouse monoclonal	IF (1:200)	ThermoFisher MA1-10030
Zip1	Rabbit polyclonal	IF (1:200)	(4)
GFP (JL-8)	Mouse monoclonal	IF (1:200)	Clontech 632381
Anti-mouse HRP	Sheep polyclonal	WB (1:5000)	GE Healthcare NXA931
Anti-rabbit HRP	Donkey polyclonal	WB (1:5000)	GE Healthcare NA934
Anti-rabbit Alexa Fluor 594	Goat polyclonal	IF (1:200)	Molecular Probes A11012
Anti-rabbit Alexa Fluor 488	Goat polyclonal	IF (1:200)	Molecular Probes A11034
Anti-mouse Alexa Fluor 594	Goat polyclonal	IF (1:200)	Molecular Probes A11032
Anti-mouse Alexa Fluor 488	Goat polyclonal	IF (1:200)	Molecular Probes A11029

\*WB, western blot; IF, immunofluorescence

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4. Sym M, Engebrecht JA, Roeder GS (1993) ZIP1 is a synaptonemal complex protein required for meiotic chromosome synapsis. *Cell* 72:365–378