

Supporting Information Table-2: List of antibodies used for immunoblot and immunofluorescence studies. The working concentration for western blot is indicated. For immunofluorescence the antibody dilution as well as fixative used and permeabilization conditions are listed.

Ab Name	Company	Catalog #	stock (mg/ml)	50% glycerol (mg/ml)	Dilution WB	WB (mg/ml)	IF dilution	SR dilution	Fixative	Permeabilization
ERICH3	Atlas antibodies	HPA028655	0.1	0.05	1:1000	0.05	1:500	1:1000	PFA/MetOH	0.1% Triton
ERICH3	Santa Cruz BT.	SC-245591	0.2	0.1	1:1000	0.1	1:250	1:500	PFA/MetOH	0.1% Triton
CFAP77	Atlas antibodies	HPA021329	0.1	0.05	1:4000	0.0125	1:500	1:1000	PFA	0.1% Triton
SPACA9	Atlas antibodies	HPA022243	0.2	0.1	1:1000	0.1	1:500	1:1000	PFA	NO
C1orf87	Atlas antibodies	HPA031366	0.05	0.025	1:500	0.05	1:500	1:1000	PFA/MetOH	0.1% Triton
CCDC181	Atlas antibodies	HPA027189	0.2	0.1	1:2000	0.1	1:500	1:1000	PFA/MetOH	0.1% Triton
CCDC173	Atlas antibodies	HPA042995	0.2	0.1	1:1000	0.1	1:500	1:1000	PFA	0.1% Triton
CFAP61	Atlas antibodies	HPA009079	0.1	0.05	1:1000	0.05	1:100	1:500	PFA	0.1% Triton
CCDC17	Atlas antibodies	HPA028338	0.1	0.1	1:1000	0.1	1:500	1:1000	PFA	0.1% Triton
Ac-TUBULIN	Sigma	T7451	1.1	0.55	NT	NT	1:250/1:100	1:2000	PFA/MetOH	0.1% Triton
γ-TUBULIN	Sigma	T6557	1.1	0.55	NT	NT	1:50	NT	PFA	0.1% Triton
EZRIN	Transduction Lab.	610602	0.25	0.125	NT	NT	1:300	1:500	PFA	0.1% Triton
CALRETICULIN	Thermo Fisher	PA3-900	NP	NP	1:1000	NP	1:500	NT	NT	NT

NP: Not provided by company

NT: Not tested