

Materials List for:

Visualization of Protein-protein Interaction in Nuclear and Cytoplasmic Fractions by Co-immunoprecipitation and *In Situ* Proximity Ligation Assay

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle's Medium (DMEM)	Sigma	D6429	High glucose 4,500 mg/L
Fetal bovine serum (FBS)	Gibco, Thermo Fisher Scientific	10270106	
Penicillin-Streptomycin (PenStrep)	BioConcept	4-01F00-H	
NE-PER Nuclear and Cytoplasmic Extraction Reagents	Thermo Fisher Scientific	78833	
1,4-Dithiothreitol (DTT)	Carl Roth	6908.3	
Dynabeads Protein G	Novex, Thermo Fisher Scientific	10003D	
DRBP76 (NF90/NF110) antibody	BD Transduction Laboratories	612154	use 1:1,000 for WB and 1:100 for ICC/PLA
RBM3 antibody	ProteinTech	14363-1-AP	use 1:1,000 for WB and 1:100 for ICC/PLA
Lamin A/C antibody	Cell Signaling Technology	#2032	use 1:1,000 for WB
anti-GAPDH antibody	Abcam	ab8245	use 1:1,000 for WB
normal rabbit IgG	Santa Cruz	sc-2027	
anti-rabbit IgG, HRP-linked secondary antibody	Cell Signaling Technology	#7074	use 1:5,000 for WB
anti-mouse HRP secondary antibody	Carl Roth	4759.1	use 1:5,000 for WB
Clarity Western ECL Blotting Substrate	Bio-Rad	#1705060	
NuPAGE Novex 4-12% Bis-Tris Gel	Novex, Thermo Fisher Scientific	NP0321BOX	
NuPAGE LDS Sample Buffer (4x)	Novex, Thermo Fisher Scientific	NP0007	
NuPAGE MES SDS Running Buffer (20x)	Novex, Thermo Fisher Scientific	NP0002	
NuPAGE Transfer Buffer (20x)	Novex, Thermo Fisher Scientific	NP00061	
Amersham Hypond P 0.2 PVDF membrane	GE Healthcare Life Sciences	10600021	
Poly-D-Lysine 8 Well Culture Slide	Corning BioCoat	354632	
Paraformaldehyde (PFA)	Sigma	P6148	
Normal goat serum (NGS)	Gibco, Thermo Fisher Scientific	PCN5000	
Goat anti-mouse IgG (H+L Antibody), Alexa Fluor 488 conjugate	Thermo Fisher Scientific	A-11001	
Goat anti-rabbit IgG (H+L Antibody), Alexa Fluor 568 conjugate	Thermo Fisher Scientific	A-11011	

4', 6-Diamidin-2-phenylindol (DAPI)	Sigma	D9542	
Duolink PLA probe Anti-mouse PLUS	Sigma	DUO92001	
Duolink PLA probe Anti-rabbit MINUS	Sigma	DUO92005	
Duolink Detection Reagents Red	Sigma	DUO92008	
Duolink Wash Buffers Fluorescence	Sigma	DUO82049	
Duolink Mounting Medium with DAPI	Sigma	DUO82040	
Mowiol 4-88	Sigma	81381	
Microscope	Olympus	AX-70	
CCD camera	SPOT	Insight 2MP Firewire	
X-ray film	Fujifilm	Super RX	
Film processing machine	Fujifilm	FPM-100A	