

Materials List for:

Detection of Axonally Localized mRNAs in Brain Sections Using High-Resolution *In Situ* Hybridization

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Materials

Name	Company	Catalog Number	Comments
custom probe targeting residues 20-1,381 of the mouse <i>Atf4</i> mRNA (NM_009716)	Advanced Cell Diagnostics	-	probe
custom probe targeting residues 15-1,256 of the human <i>ATF4</i> mRNA (NM_001675.2)	Advanced Cell Diagnostics	-	probe
negative control probe-DapB	Advanced Cell Diagnostics	310043	probe
positive control probe-mouse Polr2A (optional)	Advanced Cell Diagnostics	312471	probe
positive control probe-human PPIB (optional)	Advanced Cell Diagnostics	313901	probe
RNAscope Fluorescent Multiplex Reagent Kit (for fluorescence detection)	Advanced Cell Diagnostics	320850	<i>in situ</i> hybridization kit
RNAscope 2.0 HD Reagent Kit - BROWN (for chromogenic detection)	Advanced Cell Diagnostics	310035	<i>in situ</i> hybridization kit
Goat polyclonal anti-ChAT antibody	Millipore	AB144P	
Luxol Fast Blue-Cresyl Echt Violet Stain Kit	American MasterTech	KTLFB	
Clearify clearing agent (xylene substitute)	American MasterTech	CACLEGAL	
ProLong Gold mounting medium with DAPI	Life Technologies	P36935	
DPX mounting medium	Sigma	6522	