



Neuroscience Antibodies & Proteins: For *in vitro* & *in vivo* Neuroscience Assays

When studying neuroscience, researchers examine the role of nearly every type of cell and tissue in the body, as well as how this vast network interacts. To understand the both complex and nuanced role of the many different cell types and tissues are involved, it is critical that researchers have dependable reagents that can generate reproducible and high quality science.

Leinco produces antibodies with the most stringent quality standards in the industry, providing unmatched reliability for your most important *in vitro* and *in vivo* neuroscience assays. Explore our ever-expanding library of neuroscience related antibodies below.

Monoclonal Antibodies

Target	Clone	Reported Applications
Acetylated Lysine	7F8	ELISA, ICC, IF, IHC, IP, WB
Activating Transcription Factor 4 (ATF4)	N360A/24	ICC, IF, IHC, WB
Amyloid β 1-16	Ab3	ELISA, IF, IHC, IP, WB
Amyloid β 1-16	Ab5	ELISA, IF, IHC, IP, WB
Amyloid β 1-40	Ab40.1	ELISA, IF, IHC, IP, WB
Amyloid β 1-42	Ab42.2	ELISA, IF, IHC, IP, WB
Ankyrin-B	S105-13	ICC, IF, IHC, WB
Ankyrin-G	S106-20	ICC, IF, WB
ApoE4	4E4	ELISA, IF, WB
Astrocytes	10E4/R5	IHC FFPE
Ataxin-1	S65-37	ICC, IF, WB
Ataxin-1	S76-8	ICC, IF, IHC, IP, WB
Brevican	S294A-6	ICC, IF, WB
Calnexin	C2A1	IHC, WB
CaMKII	6G9	ELISA, ICC, IF, IHC, IP, WB, RIA
CaMKII, phosphorylated,	22B1	ELISA, ICC, IF, IHC, IP, WB
CD74	PIN1	FACS, ICC, IF, IHC, IP, WB, FCM
cdc34	14B5	ICC, IF, IHC FFPE, IP, WB
Copper-Transporting ATPase1	S60-4	ICC, IF, IHC, IP, WB
Copper-Transporting ATPase2	S62-29	ICC, IF, IHC, IP, WB
Corticotropin Releasing Factor	4H9	ELISA
Corticotropin Releasing Factor	5D5	ELISA
Cytokeratin 18	LDK 18	IF, IHC, WB
DUX4	P2B1	IF, IHC
DUX4	P4H2	IF, IHC, WB
EAAC1	S180-41	ICC, IF, IP, WB
EndoPDI	2E7/7	ELISA, ICC, IF, IHC, IP, WB
Excitatory Amino Acid Transporter 1	2G7C2	ELISA, IHC, WB
Fen-1	4E7	ICC, IF, IP, WB
GABA(B)R1	S93A-49	ICC, IF, WB
GABA(B)R2	S81-2	ICC, IF, IHC, WB
GFAP	S206A-8	ICC, IF, IHC, WB
Gingipain B	18E6.F7	IHC, WB
GIT1	S39B-8	ICC, IF, IP, WB
Glial Fibrillary Acidic Protein (GFAP)	S206B-9	ICC, IF, IHC, WB
GluA1-GluR1	S355-1	ICC, IF, IHC, WB
GluN2A/NR2A	S327-95	ICC, IF, IHC, WB
Glutamate NMDA Receptor NR3A/B Subunit	K35/40	IHC, WB
Human/Mouse/Rat β -Catenin 1 (CTNNB1)	12F7	FC, IF, IHC, PhenoCycler®, WB
Id3	2B11	ICC, IF, IP, WB
JAB-1	8H8.5	IP, WB
KDEL Receptor	KR-10	ICC, IF, IHC, IP, WB
Lead	Pb1	ELISA
Leucine-Rich Glioma Inactivated Gene 1 (LGI1)	S283-7	ICC, IF, IHC, WB
Leucine-Rich Repeat Kinase 2 (LRRK2)	S231B-34	ICC, IF, WB
LRP4 (extracellular)	S207-27	ICC, IF, WB
LRRK2/Dardarin	S138-6	ICC, IF, WB
mGluR1/5 Glutamate Receptor	S75-3	ICC, IF, IHC, IP, WB
mGluR1/5 Glutamate Receptor	S75-33	ICC, IF, IHC, IP, WB
Mitofusin-2	S153-5	ICC, IF, IHC, WB
Myelin Basic Protein	MBP101	ELISA, IHC, WB
Neurofilament	1A2	IHC FFPE, WB
Neurofilament	2D2	IHC FFPE, WB
Neurofilament	8A1	IHC FFPE, WB
Neurofilament-P	7H11/R3	IHC FFPE, WB
Neuroigin-1	S97A-31	ICC, IF, IHC, WB
Neuroigin-3	S110-29	ICC, IF, IHC, WB
Neuroigin-4	S98-7	ICC, IF, IHC, WB
Neuronal Cell Adhesion Molecule (NRCAM)	S343-26	ICC, IF, WB
Nitrotyrosine	39B6	ELISA, ICC, IF, IHC, IP, WB, AM, FCM
Notch1	S253-32	ICC, IF, WB
NR1 Glutamate Receptor	S308-48	ICC, IF, IHC, WB
NR2B Glutamate Receptor	S59-36	ICC, IF, IHC, IP, WB, AM
Oligodendrocytes	CE1	IHC FFPE
Otoferlin	13A9	IF, IHC, WB
p38 α MAP Kinase	9F12	ELISA, IHC, IP, WB, AM

Target	Clone	Reported Applications
Pan-QKI	S147-6	ICC, IF, IHC, WB
pan-Shank	S23b-49	ICC, IF, IHC, IP, WB, AM
Piccolo	6H9-B6	ELISA, WB
PINK1	S4-15	ICC, IF, IHC, WB
Protein Tyrosine Phosphatase Receptor F (PTPRF)	S165-38	ICC, IF, WB
PSD95	6G6-1C9	ICC, IF, IHC, WB, AM
PSD95	7E3-1B8	ICC, IF, IHC, WB, AM
Rhodopsin	1D4	ELISA, ICC, IF, IHC, IP, WB
Rhodopsin	4D2	ELISA, ICC, IF, IHC, IP, WB
Rhodopsin	RET-P1	IHC FFPE, IP, WB
S100α/β	3B10	ELISA, WB, AP
S100α/β	4B3	ELISA, WB, AP
S100α/β	6G1	ELISA, WB, AP
S100α/β	8B10	ELISA, WB, AP
Shank 1	S22-21	IHC, WB, AM
Shank 3	S69-46	ICC, IF, IHC, IP, WB, AM
SHANK1/SHANK3	S367-51	ICC, IF, IHC, WB
SMRT	H7	ICC, IF, IP, WB
SNAT1 Neurotransmitter Transporter	S104-32	ICC, IF, IHC, WB
SRC-1	H4	IP, WB, Chromatin IP (ChIP)
Synaptophysin	SVP-38	IHC FF, WB
Synaptotagmin-7	S275-14	ICC, IF, IHC, WB
Syntaxin	HPC-1	IHC FFPE, IP, WB
Tau	1D5	ELISA, ICC, IF, WB
Tau	3D4	ELISA, ICC, IF, WB
VaChT Transporter	S6-38	ICC, IF, IHC, WB
VDAC1	S152B-23	ICC, IF, IHC, WB
Versican	S351-23	ICC, IF, WB
VGlut1 Transporter	S28-9	IHC, WB
VGlut2 Transporter	S29-29	ICC, IF, IHC, WB
VGlut3 Transporter	S34-34	ICC, IF, IHC, WB
α 1 GABA-A Receptor	S95-35	ICC, IF, IHC, WB, AM
α 2c Adrenergic Receptor	S330A-80	ICC, IF, WB
β 3 GABA-A Receptor	S87-25	ICC, IF, IHC, WB, AM
β-Tubulin	TUB2.1	IHC FFPE, WB
δ GABA-A Receptor	S151-3	ICC, IF, WB, AM

Polyclonal Antibodies

Target	Reported Applications
Acetylated Lysine	ELISA, ICC, IF, IP, WB
Amyloid Fibrils	ELISA, ICC, IF, IHC, IP, WB
Amyloid Oligomeraβ	ELISA, ICC, IF, IHC, IP, WB
BACE2	IHC FFPE, WB
BACE2	IHC FFPE, WB
BDNF	ICC, IF, WB
Beta Site APP Cleaving Enzyme	WB
Calcineurin A (Catalytic)	IP, WB
Calnexin (NT)	WB
Calreticulin	WB
CaMKII	IHC, WB
Choline acetyltransferase	ICC, IF, WB
CLAC-P	IHC, WB
Clusterin	IHC FF, IHC FFPE, WB
Collapsin Response Mediator Protein 1	IHC FFPE, WB
Collapsin Response Mediator Protein 1	IHC FFPE, WB
DENTT	WB
DPP10	ELISA, WB
Erk1/2	WB
FBG2	WB
FBG3	ELISA, WB
FBG4	ELISA, WB
FBG5	WB
GABA Receptor Associated Protein	ELISA, WB
GABA(B)R1	WB
GABA(B)R2	WB
GABARAP	ICC, IF, WB
Glial Cell Line-Derived Neurotrophic Factor Receptor Alpha 3	IHC FFPE, WB
Glial Cell Line-Derived Neurotrophic Factor soluble Receptor Alpha 1	IHC FFPE, WB
Glial Cell Line-Derived Neurotrophic Factor soluble Receptor Alpha 2	IHC FFPE, WB
GLUT10	WB
Humanin	ELISA, WB
Kelch-Like 1 Protein	IHC FFPE, WB
KOS1	ELISA, WB

Target	Reported Applications
Acetylated Lysine	ELISA, ICC, IF, IP, WB
Amyloid Fibrils	IHC FFPE, WB
Amyloid Oligomera β	IHC FFPE, WB
BACE2	WB
BACE2	WB
BDNF	WB
Beta Site APP Cleaving Enzyme	ELISA, WB
Calcineurin A (Catalytic)	ELISA, WB
Calnexin (NT)	IP, WB
Calreticulin	WB
CaMKII	WB
Choline acetyltransferase	WB
CLAC-P	WB
Clusterin	WB
Collapsin Response Mediator Protein 1	WB
Collapsin Response Mediator Protein 1	ELISA, WB
DENTT	WB
DPP10	WB
Erk1/2	ELISA, IHC, WB
FBG2	ELISA, IHC, WB
FBG3	ELISA Cap, WB
FBG4	IHC FFPE, WB
FBG5	IHC FFPE, WB

Functional Antibodies

Target	Clone	Reported Applications
CD106 (VCAM-1)	M/K-2.7	IF, in vivo, N
CD11c	N418	FC, IHC FF, IP, PhenoCycler®
CD127	A7R34	FA, FC, IF Staining, IHC FF, IP, WB
CD200	OX-90	FC, IHC, in vivo
CD90.1	OX-7	FC, IF, IHC
IL-6	MP5-20F3	IHC FFPE, N
MHC Class I (H-2Db)	28-14-8S	B, FA, FC, IHC, IP
Notch-4	HMN4-14	FC
TGF- β	1D11.16.8	IHC, in vivo, N, WB
VEGFR2	DC101	FA, WB

Biosimilars

Biosimilar	Clone	Reported Applications
Anti-Human Amyloid- β (Aducanumab)	BIIB037	ELISA
Anti-Human Amyloid- β (Donanemab)	LY3002813	ELISA, WB
Anti-Human Amyloid- β (Lecanemab)	BAN-2401	ELISA

Recombinant Proteins

Protein	SKUs	Protein	SKUs
Recombinant Human ApoE3	A120	Recombinant Mouse FGF-Basic	F1022
Recombinant Human ApoE4	A121	Recombinant Human FGF-Basic	F110
Serum Amyloid A-2 Protein	A322	Recombinant Human FGF-Basic (146 aa)	F1105
Recombinant Human ApoE2	A440	Recombinant Human NT-3	N117
Recombinant Mouse ApoE	A540	Recombinant Human NT-4	N118
Recombinant Human BDNF	B661	Recombinant Human NGF R	N187
Recombinant Human EGF	E108	Serum Amyloid A-1 Protein	S321
Recombinant Mouse EGF	E120	Recombinant Human ACE2 (HEK Expressed)	S852

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