

Neural Markers

Citation Support KOIKD Validation Comparable Abs IP-MS Analysis Orthogonal Validation Protein Overexpression

Astrocytes

- GFAP
- S100β
- AQP4
- IGFBP3
- ALDH1L1
- Glutamine synthetase
- Aldolase C
- Coronin

Microglia

- CD11b
- Iba1
- CD32
- CD45
- CD68
- F4/80
- HLA-DR
- C1qa
- INOS

Oligodendrocytes

- OLIG1
- OLIG2
- MOG
- MAG
- GALC
- MBP
- CNP

Neurogenesis

- DCX
- NeuroD1
- TBR1
- Statmin
- NCAM
- NSE

Immature Neurons

- beta Tubulin 3 / Tuji antibody (GT11710) (GTX631636)
- NeuN antibody (GTX132974)
- MAP2 antibody (GTX133109)
- GAP43 antibody (GTX127937)
- Synaptophysin antibody (GTX100865)

Mature Neurons

- Tuj1
- Neurofilament H/M/L
- MAP2
- alpha Internexin
- Tau
- Synaptophysin
- PSD95
- GAP43
- Np1
- PSD95 antibody (GTX133091)
- Tau antibody (GTX112981)

Neural Progenitor Cells

- BRG1
- Musashi-1
- Musashi-2
- Nestin
- N-cadherin
- PAX3
- PAX6
- SOX1
- SOX2
- OTX2
- CASPR
- ASCL1

Cholinergic

- CHAT
- VACHT
- AChE
- ACHR

Dopaminergic

- TH
- DBH
- DAT
- NET
- GIRK2
- Nurr1
- LMXB
- FOXA2
- DARPP-32

GABAergic

- GABA
- GABA_A receptor alpha
- GABA_A receptor beta
- GABA_A receptor
- GAD65
- GAD67
- VGAT

Glutamatergic

- Glutaminase
- Glutaminase C
- Glutamine synthetase
- vGluT1
- vGluT2
- NMDAR1
- NMDAR2A
- NMDAR2B

Serotonergic

- Serotonin (5-HT)
- Serotonin transporter (5-HTT)
- TPH

Antibodies and Images:

- Glutamine synthetase antibody (GT1055) (GTX630654)
- GFAP antibody (GTX108711)
- S100 beta antibody (GTX129573)
- N-Cadherin antibody (GTX17345)
- Brn2 antibody (GTX114650)
- PAX6 antibody (GTX113241)
- SOX2 antibody [NIC3] (GTX101507)
- NCAM antibody (GTX133217)
- TBR1 antibody [IN2C1, Internal] (GTX117615)
- NSE antibody (GTX133249)
- Glutamine synthetase antibody (GTX109121)
- Iba1 antibody (GTX101495)
- Iba1 antibody (GTX100042)
- Iba1 antibody [GT10312] (GTX632426)
- Myelin basic protein antibody (GTX133108)
- Myelin basic protein antibody (GTX133108)
- MOG antibody [C2C3, C-term] (GTX106283)
- ACHE antibody (GTX101648)
- Choline Acetyltransferase antibody [NIN3] (GTX13164)
- Tyrosine Hydroxylase antibody [NIC1] (GTX102424)
- LMXB antibody (GTX129831)
- DARPP-32 antibody (GTX104350)
- GABA antibody (GTX125988)
- GABA A Receptor alpha 1 antibody [NIC1] (GTX104027)
- GAD65 antibody (GTX133096)
- alpha Synuclein antibody (GTX112799)
- vGluT1 antibody (GTX133148)
- NMDAR1 antibody (GTX133097)

