

Neuroscience Research Reagents

Vector Laboratories offers the **full breadth of antibody-related products**, services and expertise for research, diagnostic and therapeutic applications. We support neuroscience researchers worldwide by providing a wide range of unique antibodies, cell lines and other reagents to facilitate their studies.

Recombinant Engineered Antibodies

Our Absolute Antibody brand specializes in recombinant antibodies, which ensure batch-to-batch reproducibility and enable new antibody engineering opportunities.

Amyloid Beta Antibodies

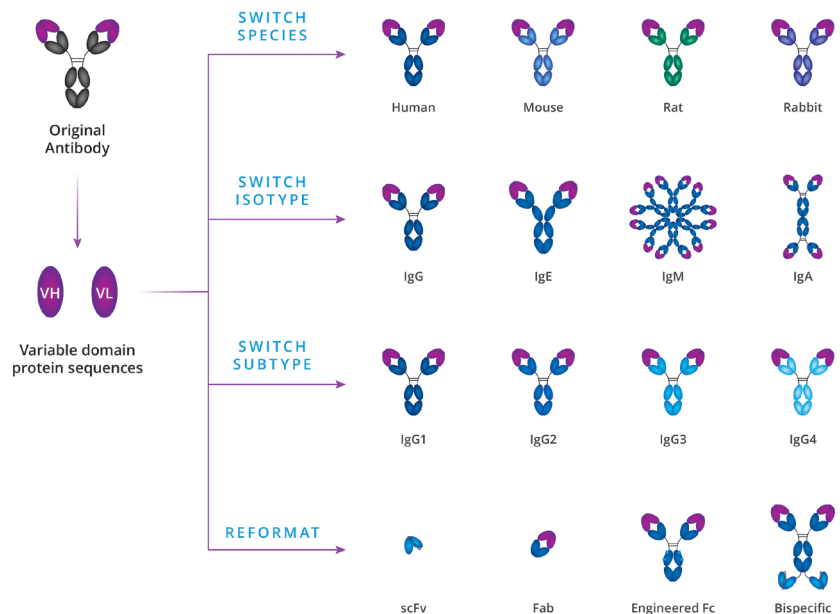
Collection of anti-amyloid beta clones for Alzheimer's disease research

Neurodegenerative Diseases

Research tools for other neurodegenerative diseases, including Parkinson's disease, Huntington's disease and multiple sclerosis

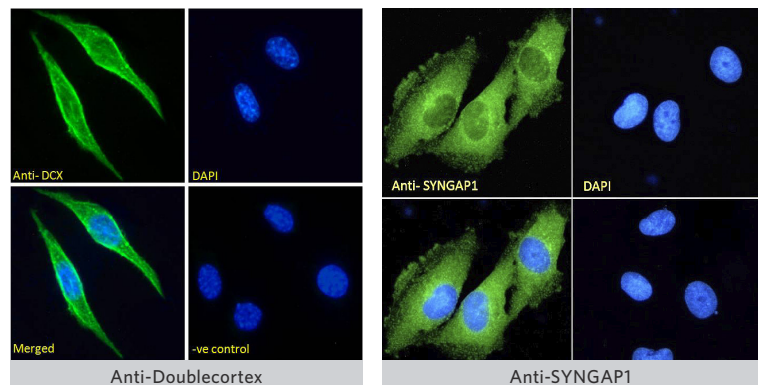
Neurotransmitters

Antibodies targeting key neurotransmitter receptors, including GABA, glutamate, dopamine and acetylcholine



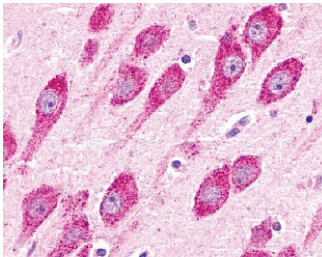
Goat Polyclonal Antibodies

Our Everest brand specializes in anti-peptide and antigen affinity purified goat polyclonal antibodies. The catalog contains thousands of goat antibodies against a broad range of human, mouse and rat proteins of biomedical interest, including those implicated in Alzheimer's disease and epilepsy. Top neuroscience targets include ACHE, amyloid beta peptide, CRHR1/CRF-R, doublecortin, GAPDH and SYNGAP1.

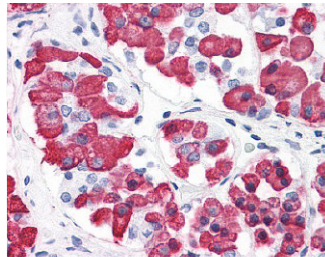


Immunohistochemistry-Validated Antibodies

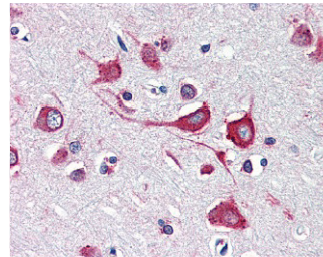
Our LSBio brand specializes in IHC validation, offering more than 15,000 antibodies validated for immunohistochemistry with a focus on neuroscience biomarkers. The IHC-Plus™ antibodies have been rigorously tested to deliver optimal performance in immunohistochemistry (IHC) studies on formalin-fixed paraffin-embedded (FFPE) human tissues. The PathPlus™ antibodies represent the highest quality reagents available for research pathology applications, shown to be the best performing reagents for immunohistochemical detection of high-value neuroscience targets.



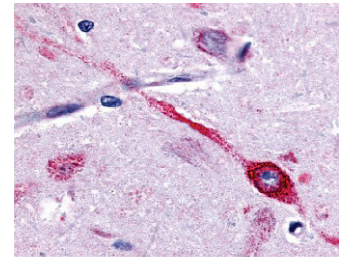
ADGRL3 / LPHN3



BRS3



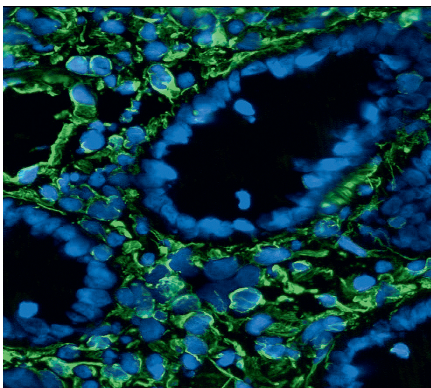
CALR / Calreticulin



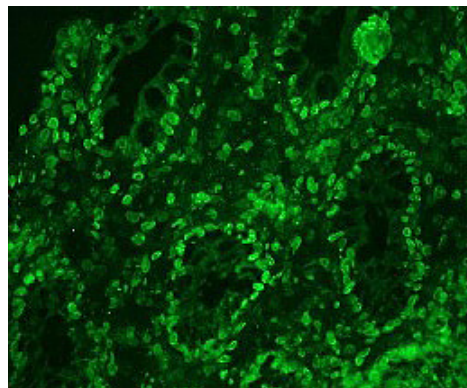
CHR2 / M2

Other Neuroscience Research Reagents

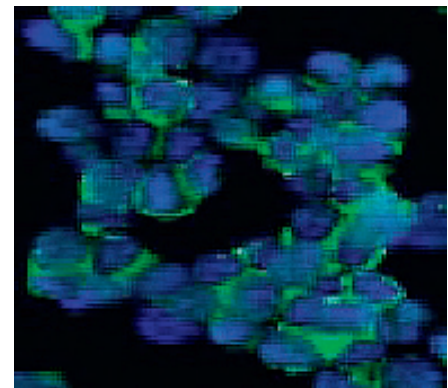
Our Exalpa and Nordic-MUBio brands offer a variety of high quality monoclonal antibodies for neuroscience research. Key targets include vimentin, lamin, NCAM/CD56, nestin, neurofilament and bromodeoxyuridine/BrdU.



Vimentin



Lamin



NCAM / CD56

Our Kerafast brand makes unique laboratory-made research tools easily accessible to the global scientific community. The catalog includes a C-DAG amyloidogenicity kit, Brainbow antibodies for distinguishing between individual neurons in the brain, and various cell lines for neuroscience research, including neuronal cell lines, microglial cell lines, retinal cell lines, glioblastoma cell lines and neuroblastoma cell lines.

