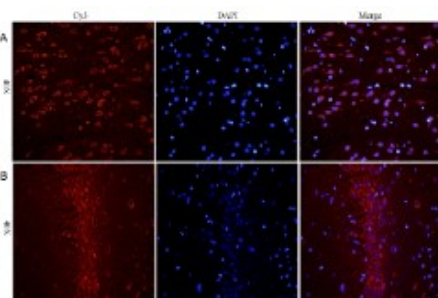


# Alzheimer's Disease

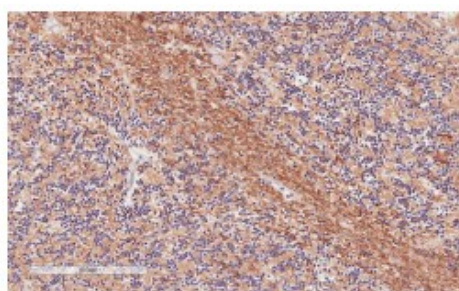
Since 2000, Everest Biotech has been designing a catalogue containing thousands of goat antibodies against a broad range of human, mouse and rat proteins of biomedical interest.

Everest Biotech's commitment to quality and continuous improvement has been recognised with ISO 9001:2015 accreditation. Everest Biotech customers can be assured they will receive high quality products and excellent customer service.

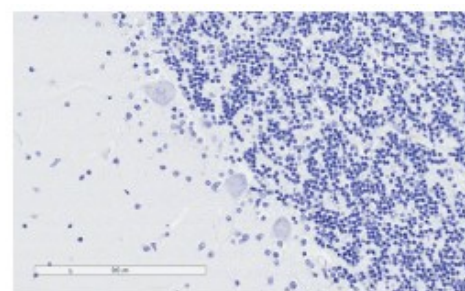
Dementia is a generic term used to describe a set of symptoms, including memory loss and changes to behaviour, as the result of progressive and irreversible neurodegenerative diseases. Alzheimer's disease is the most common cause of dementia, characterized by senile plaques, neurofibrillary tangles and neuroinflammation. Plaques form within the brain when amyloid precursor proteins are cleaved, and A $\beta$  (amyloid beta) peptide accumulates outside nerve cells. Tangles occur inside nerve cells, when tau protein is hyperphosphorylated, forming abnormal paired strands, thereby destroying a vital cell transport system. Neuroinflammation mediated by glial cells, has been identified as a component in the neurodegeneration caused by Alzheimer's disease. However, further research is still needed to fully understand the inflammatory processes.



EB08117 (5 $\mu$ g/ml) staining of paraffin embedded Rat Cerebral Cortex (A) and Rat Hippocampus (B), CRY-staining with DAPI nuclear counter stain in blue. Antigen retrieval with citrate buffer pH 6 at 95-98C.



EB09800 (2 $\mu$ g/ml) staining of paraffin embedded Human Cerebellum. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



EB09800 Negative Control showing staining of paraffin embedded Human Cerebellum, with no primary antibody.

Everest code	Principal name	Applications Tested	Species reactivity	Size available
EB06598	Goat Anti-ABAD / HADH2 Antibody	Pep-ELISA, WB	Human, Mouse, Rat, Dog, Cow	100 $\mu$ g/200 $\mu$ l
EB08613	Goat Anti-ABCA2 Antibody	Pep-ELISA, IHC	Human, Mouse, Rat	100 $\mu$ g/200 $\mu$ l
EB08710	Goat Anti-ABCD3 Antibody	Pep-ELISA, FC, IHC	Human, Mouse, Rat	100 $\mu$ g/200 $\mu$ l
EB06659	Goat Anti-ACHE Antibody	Pep-ELISA, WB, IF, FC	Human, Rat, Mouse	100 $\mu$ g/200 $\mu$ l
EB05382	Goat Anti-ADAM17 / TACE Antibody	Pep-ELISA, WB	Human, Mouse, Rat	100 $\mu$ g/200 $\mu$ l
EB05865	Goat Anti-ALS2CR2 / ILPIP Antibody	Pep-ELISA, WB, IHC, IF	Human, Dog, Cow	100 $\mu$ g/200 $\mu$ l
EB11158	Goat Anti-Amyloid beta peptide (aa1-16) Antibody	Pep-ELISA, WB	Human, Dog, Pig, Cow	100 $\mu$ g/200 $\mu$ l

# Antibodies for Alzheimer's disease

EB11159	Goat Anti-Amyloid beta peptide (mouse) Anti-body	Pep-ELISA, WB, IHC	Mouse, Rat	100µg/200µl
EB07582	Goat Anti-AOC3 Anti-body	Pep-ELISA, IHC	Human, Mouse, Rat	100µg/200µl
EB07754	Goat Anti-APBA1 / MINT1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat	100µg/200µl
EB07373	Goat Anti-APBB1 / FE65 Antibody	Pep-ELISA, WB	Human	100µg/200µl
EB07860	Goat Anti-APH1A Anti-body	Pep-ELISA, WB, IHC	Human, Mouse, Rat, Dog, Pig, Cow	100µg/200µl
EB06690	Goat Anti-APOE Anti-body	Pep-ELISA, WB	Human	100µg/200µl
EB05198	Goat Anti-ATF2 Antibody	Pep-ELISA, WB	Human, Rat, Dog, Cow	100µg/200µl
EB08117	Goat Anti-BDNF Anti-body	Pep-ELISA, IF	Human, Mouse, Rat, Dog	100µg/200µl
EB06945	Goat Anti-Cannabinoid Receptor 1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat, Dog	100µg/200µl
EB11989	Goat Anti-CAPN1 (aa468-481) Antibody	Pep-ELISA, WB, IHC	Human, Pig, Cow	100µg/200µl
EB11988	Goat Anti-CAPN1 Anti-body	Pep-ELISA, WB, IHC	Human	100µg/200µl
EB07232	Goat Anti-Casein Kinase 1, delta Antibody	Pep-ELISA, WB, IF	Human, Mouse, Rat, Dog	100µg/200µl
EB07286	Goat Anti-Caspase 3 Antibody	Pep-ELISA, WB, IF/ ICC	Human, Mouse, Rat, Dog	100µg/200µl
EB05515	Goat Anti-CBR1 Anti-body	Pep-ELISA, WB, IHC, IF	Human	100µg/200µl
EB06768	Goat Anti-CCKAR Anti-body	Pep-ELISA, IHC	Human	100µg/200µl
EB06636	Goat Anti-Choline acetyltransferase Anti-body	Pep-ELISA, WB	Human, Dog, Pig, Cow	100µg/200µl
EB08480	Goat Anti-CHRN2 Anti-body	Pep-ELISA, WB, IHC	Human, Mouse, Rat, Dog, Pig, Cow	100µg/200µl
EB05286	Goat Anti-COX2 / PTGS2 Antibody	Pep-ELISA, WB, IF, FC	Human, Dog, Pig, Cow	100µg/200µl
EB08035	Goat Anti-CRHR1 / CRF-R (aa 107 - 117) Antibody	Pep-ELISA, WB, IF	Human, Mouse, Rat	100µg/200µl
EB07553	Goat Anti-CRHR1 / CRF-R (aa 250 - 263) Antibody	Pep-ELISA, WB, IF, IHC	Human, Mouse, Rat, Dog, Cow, Sheep	100µg/200µl
EB09287	Goat Anti-CST3 / cystatin C Antibody	Pep-ELISA, WB	Human	100µg/200µl
EB06592	Goat Anti-ERK2 / MAPK1 Antibody	Pep-ELISA, WB, IF	Human, Mouse, Rat, Dog, Cow	100µg/200µl
EB09093	Goat Anti-GABBR1 Anti-body	Pep-ELISA, IHC	Human, Mouse, Rat, Dog, Cow	100µg/200µl
EB07756	Goat Anti-GALP Anti-body	Pep-ELISA	Human	100µg/200µl
EB07069	Goat Anti-GAPDH (Internal) Antibody	Pep-ELISA, WB, IHC, IF	Human, Mouse, Rat, Dog	100µg/200µl

# Antibodies for Alzheimer's disease

EB08328	Goat Anti-GRIN2D Antibody	Pep-ELISA	Human, Mouse, Rat	100µg/200µl
EB08464	Goat Anti-GSTM3 Antibody	Pep-ELISA, IF	Human	100µg/200µl
EB06950	Goat Anti-INDO / IDO Antibody	Pep-ELISA, WB, IHC	Human, Mouse, Rat, Dog	100µg/200µl
EB09138	Goat Anti-ITM2B Antibody	Pep-ELISA, WB, IHC, IF, FC	Human, Mouse, Rat, Cow	100µg/200µl
EB07398	Goat Anti-M1 mAChR / CHRM1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat, Dog	100µg/200µl
EB08133	Goat Anti-MP100 / NPEPPS Antibody	Pep-ELISA, WB	Human, Mouse, Rat	100µg/200µl
EB08489	Goat Anti-MTHFD1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat	100µg/200µl
EB10793	Goat Anti-NDRG2 Antibody	Pep-ELISA, WB, IHC	Human, Mouse, Rat, Dog	100µg/200µl
EB07294	Goat Anti-NMDAR2B / GRIN2B Antibody	Pep-ELISA, WB, IF	Human, Mouse, Rat, Dog	100µg/200µl
EB07341	Goat Anti-NMDA receptor 1 / GRIN1 Antibody	Pep-ELISA, IF	Human, Mouse, Rat, Dog	100µg/200µl
EB05370	Goat Anti-NQO1 Antibody	Pep-ELISA, WB, IF, IHC	Human, Rat, Dog, Pig	100µg/200µl
EB07626	Goat Anti-OGT Antibody	Pep-ELISA, WB, IHC, IF, FC	Human, Mouse, Rat, Dog, Cow	100µg/200µl
EB07367	Goat Anti-PAK1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat, Dog	100µg/200µl
EB07468	Goat Anti-PIN1 Antibody	Pep-ELISA, WB	Human, Mouse, Rat, Dog	100µg/200µl
EB07412	Goat Anti-Septin 1 / SEPT1 Antibody	Pep-ELISA, WB, IHC	Human, Mouse, Rat, Dog	100µg/200µl
EB05045	Goat Anti-SORL1 / LR11 (C Terminus) Antibody	Pep-ELISA, IF	Human, Mouse, Rat, Dog, Cow	100µg/200µl
EB07636	Goat Anti-TMP21 / TMED10 Antibody	Pep-ELISA, IF, FC	Human, Mouse, Rat, Dog, Cow	100µg/200µl
EB09800	Goat Anti-TPPP/p25 Antibody	Pep-ELISA, WB, IHC	Human	100µg/200µl
EB08812	Goat Anti-Trpv2 (mouse) Antibody	Pep-ELISA, IF	Mouse, Rat	100µg/200µl
EB07387	Goat Anti-TSPO / PBR (isoform) Antibody	Pep-ELISA, WB, IHC, IF, FC	Human	100µg/200µl