

Explore key biomarkers in neurodegeneration

Finding accurate biomarkers isn't easy. Make it easier with access to a broad range of gold-standard recombinant antibodies, antibody pairs, and immunoassays—all in one place.



We've highlighted some of our products below to see how, together, we can develop solutions that have a real impact in neuroscience.

Precision antibodies

- Unrivaled specificity and batch-to-batch consistency
- Validated in relevant sample types, such as neurons or patient samples
- Antibodies against post-translational modifications and isoforms, including pTau

Antibody pairs

- Choose from over 1,300 carrier-free antibody pairs and 200 matched antibody pair kits
- Screened in plasma and serum to ensure specificity in complex samples
- Enjoy enhanced flexibility and tailor ELISA assays to your own plate system

SimpleStep ELISA[®] kits

- Superior sensitivity for confidence in results
- Fast and easy to use with reduced hands-on time
- Minimal waste with a 96-well plate that's breakable into 12 x 8 well strips
- Available in 384-well format designed for use with automated liquid handling systems

View more products



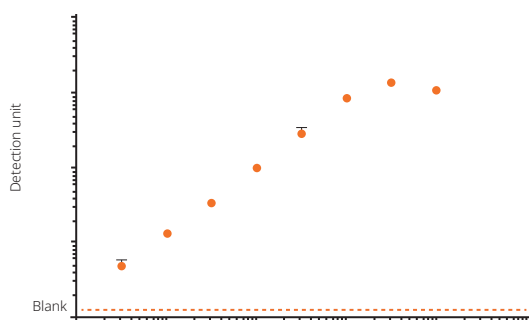
Reach out to us at neuroscience@abcam.com to see how we can make a difference together.

Partnership in action:

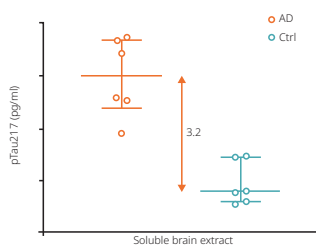
Advancing biomarker research together

We work with scientists to develop the tools they need. By connecting with researchers, we developed and validated several products against pTau181, 217 and 231 to meet their high standards. We're proud to include these in our curated, comprehensive catalog of premium, extensively validated products.

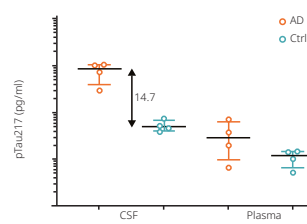
Validation results for Anti-Tau (phospho T217) antibody [EPR24654-24] (ab288160)



Sensitivity of pTau antibody.



The pTau217 antibody clearly distinguishes between Alzheimer's disease patient samples (AD) and healthy control samples (Ctrl) in soluble brain extract.

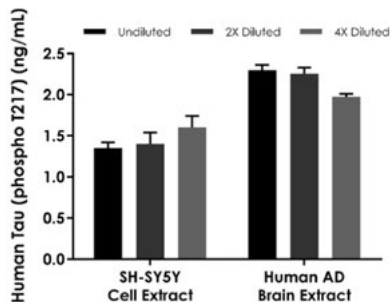


The pTau217 antibody clearly distinguishes between Alzheimer's disease patient (AD) and healthy control samples (Ctrl) in matched-CSF and plasma.

pTau217 [EPR24654-24]	Cat # Product Size
Standard buffer	ab288160 Sizes: 10 µl/100 µl
PBS only	ab288167 Sizes: 100 µl/1 mg

Human Tau (phospho T217) ELISA kit (ab318935) - the most promising AD biomarker

- Highly validated, and works on standard lab equipment
- Results in just 90-minutes



Interpolated concentrations of human Tau (phospho T217) in SH-SY5Y cell extract and human Alzheimer's disease (AD) brain hippocampus tissue extract samples. Interpolated concentration of native Tau (phospho T217) was measured in duplicate at different sample concentrations. Undiluted samples are 60 µg/mL SH-SY5Y cell extract and 12.5 µg/mL Alzheimer's disease (AD) brain hippocampus tissue extract. The interpolated dilution factor corrected values are plotted (mean $\pm$ SD, n=2). Sample dilutions are made in 1X Cell Extraction Buffer PTR.

Search our
other Tau
ELISA kits



Let us know how we can work together to advance your project at neuroscience@abcam.com