

Explore key biomarkers in neurodegeneration

Finding accurate biomarkers isn't always easy. That's why we're passionate about working with the neuroscience community to share knowledge and find unique insights that advance biomarker research.



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

- Unrivalled 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 antibodies

- 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

View more products



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

[abcam.com/neuroscience](https://www.abcam.com/neuroscience)

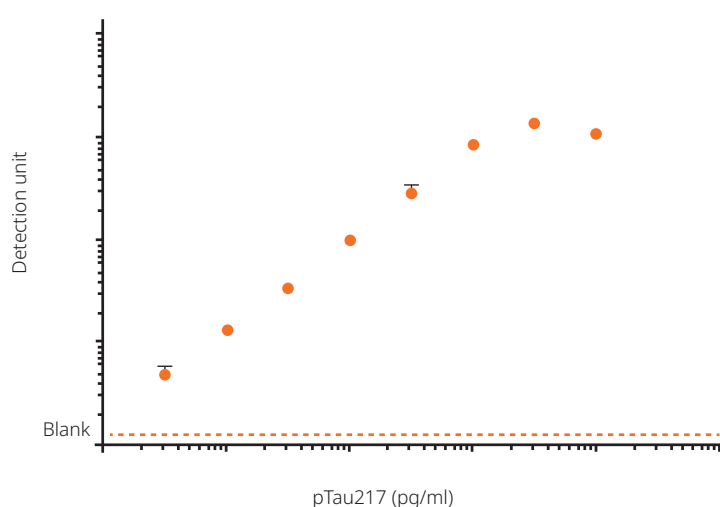
progress happens together
abcam

Partnership in action:

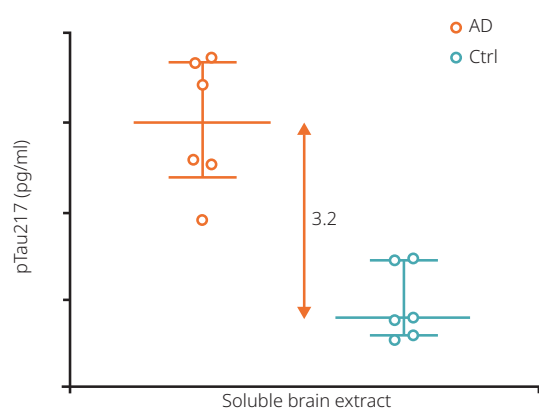
advancing biomarker research together

A biopharma client needed highly specific and reproducible reagents for an Alzheimer's disease panel. Working together, we developed and validated several products against pTau181, 217, and 231 to meet the high standards required. By forming a long-term relationship, we became their supplier of choice for these reagents.

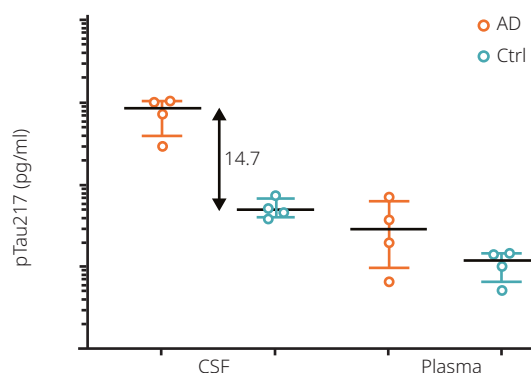
Validation results



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.

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

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