

AP23895PU-N**Polyclonal Antibody to BACE1 pSer498 - Purified****Alternate names:**

ASP2, Aspartyl protease 2, BACE, BACE-1, Beta-secretase 1, Beta-site APP cleaving enzyme 1, Beta-site amyloid precursor protein cleaving enzyme 1, KIAA1149, Memapsin-2, Membrane-associated aspartic protease 2

Quantity:

0.2 ml

Background:

Bace 1 is responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves at the N-terminus of the A-beta peptide sequence, between residues 671 and 672 of APP, leads to the generation and extracellular release of beta-cleaved soluble APP, and a corresponding cell-associated C-terminal fragment which is later released by gamma-secretase.

Uniprot ID:

[P56817](#)

NCBI:

[NP_036236](#)

GeneID:

[23621](#)

Host:

Rabbit

Immunogen:

KLH conjugated synthetic phosphopeptide corresponding to amino acid residues surrounding S498 of human BACE.

Genename: BACE1

Format:

State: Liquid purified Ig fraction

Purification: Immunoaffinity Chromatography

Buffer System: PBS containing 0.09% sodium azide as preservative

Applications:

Immunohistochemistry on Paraffin Sections: 5 µg/ml.

Western Blot: 1/1000.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

This antibody reacts to Ser498 phosphorylated BACE1.

Species Reactivity:

Expected from sequence similarity: Mouse, Rat, Bovine.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Pictures:

Human Spleen: Formalin-Fixed, Paraffin-Embedded (FFPE)

