

## BACE1

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**Reactivity:**Human Mouse Zebrafish

**Tested applications:**WB IHC IP

**Recommended Dilution:**WB 1:200 - 1:2000 IHC 1:50 - 1:200 IP 1:20 - 1:50

**Calculated MW:**56kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human BACE1

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

ASP2; BACE; HSPC104;

**Catalog #:**A7229

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**23621

**Isotype:**IgG

**Swiss Prot:**P56817

**Purity:**Affinity purification

For research use only.

**Background:**

Cerebral deposition of amyloid beta peptide is an early and critical feature of Alzheimer's disease. Amyloid beta peptide is generated by proteolytic cleavage of amyloid precursor protein (APP) by two proteases, one of which is the protein encoded by this gene. The encoded protein, a member of the peptidase A1 protein family, is a type I integral membrane glycoprotein and aspartic protease that is found mainly in the Golgi. Multiple transcript variants encoding different isoforms have been described for this gene.

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