

## Beta-Amyloid (1-42), Rat

Catalog #	Source	Reactivity	Applications
CCP1101	Synthetic		
<b>Description</b>	Peptide to Beta-Amyloid (1-42), Rat		
<b>Biological Description</b>	Rat form of the amyloid $\beta$ (1-42) peptide, one of the two main forms found in plaques associated with Alzheimer's disease.		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	166090-74-0		
<b>Molecular Formula</b>	C199H307N53O59S		
<b>Molecular Weight</b>	4418.05		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	H - Asp - Ala - Glu - Phe - Gly - His - Asp - Ser - Gly - Phe - Glu - Val - Arg - His - Gln - Lys - Leu - Val - Phe - Phe - Ala - Glu - Asp - Val - Gly - Ser - Asn - Lys - Gly - Ala - Ile - Ile - Gly - Leu - Met - Val - Gly - Gly - Val - Val - Ile - Ala -		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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