

# Amyloid Precursor Protein Polyclonal Antibody

Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Rat
Published Species	Rat, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A peptide corresponding to aa 737 to 751 of human amyloid A4 protein precursor (APP) or 85 to 99 of the C99 fragment generated by b-secretase cleavage
Form	Liquid
Concentration	1.0 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS
Contains	0.02% sodium azide
Storage conditions	4° C, do not freeze
RRID	AB_11152072

Applications	Tested Dilution	Publications
Western Blot (WB)	0.5-1.0 µg/mL	4 Publications
Immunohistochemistry (IHC)	2 µg/mL	-

## Product Specific Information

A suggested positive control is mouse brain tissue lysate.

PA5-19923 can be used with blocking peptide PEP-0048.

Western Blot (4)

<p>Phytotherapy research : PTR</p> <p><b>Ethanol extract of Magnolia officinalis prevents lipopolysaccharide-induced memory deficiency via its antineuroinflammatory and antiamyloidogenic effects.</b></p> <p>"PA5-19923 was used in western blot to study the roles of inflammatory and amyloidogenic pathways in the mechanism by which Magnolia officinalis extracts protect against LPS-induced memory impairment"</p> <p>Authors: Lee YJ,Choi DY,Yun YP,Han SB,Kim HM, Lee K,Choi SH,Yang MP,Jeon HS,Jeong JH,Oh KW,Hong JT</p>	<p><b>Year</b> 2013</p> <p><b>Species</b> Mouse</p> <p><b>Dilution</b> 1:500</p>
<p>The Journal of nutritional biochemistry</p> <p><b>Epigallocatechin-3-gallate prevents systemic inflammation-induced memory deficiency and amyloidogenesis via its anti-neuroinflammatory properties.</b></p> <p>"PA5-19923 was used in western blot to study the role of the anti-neuroinflammatory properties of epigallocatechin-3-gallate in the mechanism by which it protects against LPS-induced amyloidogenesis and memory deficit"</p> <p>Authors: Lee YJ,Choi DY,Yun YP,Han SB,Oh KW,Hong JT</p>	<p><b>Year</b> 2013</p> <p><b>Species</b> Rat</p> <p><b>Dilution</b> 1:500</p>

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