

# beta Amyloid (1-40) Polyclonal Antibody, Biotin

Product Details	
Size	25 µg
Species	Human
Published Species	Human, Mouse
Expression System	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Biotin
Immunogen	1-40 of Amyloid Beta
Form	Liquid
Concentration	1 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.1% sodium azide
Storage Conditions	-80°C
RRID	AB_2533638

Applications	Tested Dilution	Publications
Dot blot (DB)	0.05-1.0 µg/mL	-
Functional Assay (FN)	Assay Dependent	-
Radioimmune Assays (RIA)	Assay Dependent	-
ELISA (ELISA)	-	2 Publications
Immunohistochemistry (IHC)	-	1 Publication
Western Blot (WB)	-	2 Publications

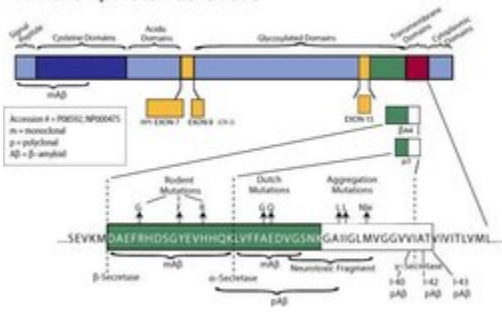
## Product Specific Information

This beta Amyloid (1-40) antibody (44-3489) is purified from rabbit serum by epitope-specific affinity chromatography. Any reactivity towards both full length Abeta 42 (A $\beta$  42) and Abeta 43 (A $\beta$  43) protein has been eliminated through a series of preabsorption steps.

This antibody shows no significant cross-reactivity against Abeta 42 or Abeta 43.

Product Images For beta Amyloid (1-40) Polyclonal Antibody, Biotin

APP and Aβ Protein Schematic



**beta Amyloid (1-40) Antibody (44-3489)**  
 Amyloid Beta (Abeta) (N-terminal) Polyclonal Antibody, Rabbit

## ELISA (2)

The Journal of biological chemistry

### A lipoprotein receptor cluster IV mutant preferentially binds amyloid- and regulates its clearance from the mouse brain.

Authors: Sagare AP, Bell RD, Srivastava A, Sengillo JD, Singh I, Nishida Y, Chow N, Zlokovic BV

**Species**  
Human  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2013

The Journal of neuroscience : the official journal of the Society for Neuroscience

### IgG-assisted age-dependent clearance of Alzheimer's amyloid beta peptide by the blood-brain barrier neonatal Fc receptor.

Authors: Deane R, Sagare A, Hamm K, Parisi M, LaRue B, Guo H, Wu Z, Holtzman DM, Zlokovic BV

**Species**  
Mouse  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
2005

## Western Blot (2)

The Journal of biological chemistry

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Authors: Sagare AP, Bell RD, Srivastava A, Sengillo JD, Singh I, Nishida Y, Chow N, Zlokovic BV

**Species**  
Human  
Not Applicable

**Dilution**  
Not Cited  
Not Cited

**Year**  
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**Species**  
Mouse  
Not Applicable

**Dilution**  
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Not Cited

**Year**  
2005

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## IHC (1)

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