

AB-NN198-1

Amyloid Oligomers (A11) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human Amyloid Oligomers (A11)



KINEXUS

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Target Protein

Name Long:	Amyloid beta A4 protein (Amyloid Oligomers (A11))
Alias:	Amyloid Oligomer $\alpha\beta$, A11, Amyloid Oligomer AlphaBeta, APP
UniProt ID:	P05067 - Human
Human Predicted Mass (KDa):	86.943 (770 AA; P05067-1); 85.040 (752 AA; P05067-9); 84.819 (751 AA; P05067-8); 84.521 (746 AA; P05067-11); 82.916 (733 AA; P05067-7); 80.769 (714 AA; P05067-6); 78.866 (696 AA; P05067-5); 78.663 (695 AA; P05067-4); 76.760 (677 AA; P05067-3); 72.553 (639 AA; P05067-10); 34.358 (305 AA; P05067-2)
Observed SDS-PAGE Mass (KDa):	Multiple proteins

Immunogen

Antibody Immunogen Source:	Synthetic molecular mimic of soluble oligomers
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	3 Mix
Antibody Purification:	Protein A purified
Amount:	25 μ l
Antibody Concentration:	N/A
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at $+4^{\circ}\text{C}$ for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at $+4^{\circ}\text{C}$ for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB IHC ICC/IF IP ELISA
Antibody Dilution Recommended:	WB (1:1000), IP (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Eukaryotes
Antibody Positive Control:	A 1:1000 dilution of SPC-506 was sufficient for detection of amyloid oligomers in 10 μ g of mouse brain lysates by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Recognizes all types of amyloid oligomers. Appears to recognize a peptide backbone epitope that is common to amyloid oligomers, but is not found in native proteins, amyloidogenic monomer or mature amyloid fibrils.

This product is for in vitro research use only and is not intended for use in humans or animals.

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