

Product Datasheet

Amyloid Oligomers (A11) Antibody: FITC (orb152854)

Catalog Number	orb152854
Description	Rabbit polyclonal to Amyloid Oligomers (FITC). Amyloid monomeric proteins can sometimes oligomerize into destructive amyloid fibrils. Amyloidogenic conformations of non-disease related proteins can be created by partial protein misfolding or denaturation. Many degenerative diseases are known to be related to the accumulation of misfolded proteins as amyloid fibres. These include the amyloid- beta peptide plaques and tau neurofibrillary tangles in senile plaques of Alzheimers symptomology, the deposition of alpha-synuclein in the Lewy bodies of Parkinsons disease, and accumulation of polyglutamine-containing aggregates in Huntingtons disease.
Species/Host	Rabbit
Reactivity	Human, Mouse, Other, Rat
Conjugation	FITC
Tested Applications	ICC, IF, IHC
Immunogen	Synthetic molecular mimic of soluble oligomers
Target	Amyloid Oligomers (A11)
Preservatives	640.91mM DMSO, 136.36mM Ethanolamine, and 9.09mM Sodium Bicarbonate in 90.9% PBS
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Application notes	A 1:200 dilution of SPC-506 was sufficient for detection of amyloid oligomers in 10 µg of mouse brain lysates by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.

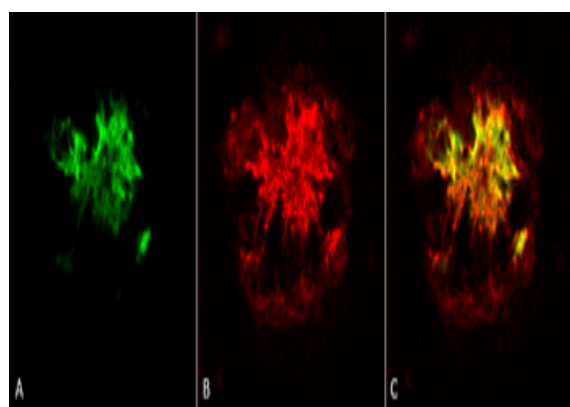
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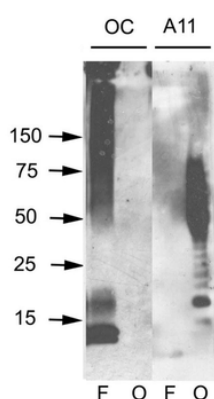
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Clonality	Polyclonal
Uniprot ID	P05067
NCBI	NM_000484.2
Entrez	8666
Dilution Range	The suggested dilution for the current lot of SPC-506 in Western Blot and Dot Blot is 1:100
Expiration Date	12 months from date of receipt.



Immunohistochemistry analysis using Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody. Tissue: Alzheimer's Disease brain. Species: Human. Fixation: Formalin fixed. Primary Antibody: Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody at 1:1000. Secondary Antibody: Goat Anti-Rabbit ATTO 594 (red). Localization: Plaque. (A) Amyloid Fibril (OC) Antibody. (B) Amyloid Oligomer (A11) Antibody. (C) Composite.



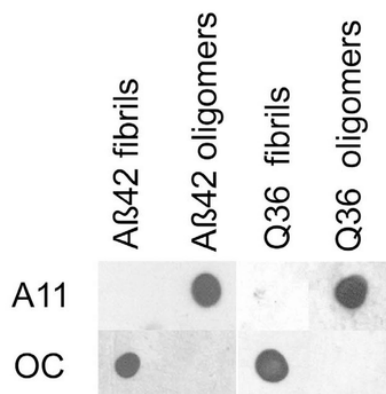
Western blot analysis of Human Abeta42 fibrils and prefibrillar oligomers showing detection of Amyloid Oligomers (A11) protein using Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody. Primary Antibody: Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody at 1:1000.

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Dot blot analysis using Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody. Tissue: Abeta42 fibrils and prefibrillar oligomers. Species: Human. Primary Antibody: Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody at 1:1000.

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