

Product Datasheet

Amyloid Oligomers (A11) Antibody (HRP) (orb152855)

Catalog Number	orb152855
Category	Antibodies
Description	Rabbit polyclonal to Amyloid Oligomers (HRP). 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.
Target	Amyloid Oligomers (A11)
Clonality	Polyclonal
Species/Host	Rabbit
Conjugation	HRP
Reactivity	Human, Mouse, Other, Rat
Buffer/Preservatives	73.64mM Carbonate, 54.55mM Ethanolamine, 45.45mM Cyanoborohydride, 18.18mM Sodium Hydroxide, 0.23mM Citrate
Purification	Protein A Purified
Immunogen	Synthetic molecular mimic of soluble oligomers
UniProt ID	P05067

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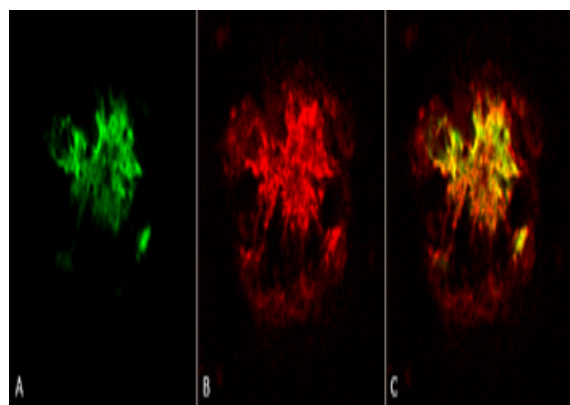
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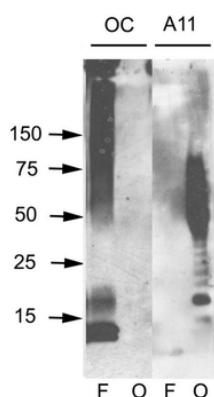
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Tested applications	ELISA, ICC, IF, IHC, IP, WB
Dilution range	The suggested dilution for the current lot of SPC-506 in Western Blot and Dot Blot is 1:100
Application notes	A 1:200 dilution of SPC-506 was sufficient for detection of amyloid oligomers in 10 µg of mouse brain lysates by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
Storage	Conjugated antibodies should be stored according to the product label
Note	For research use only
Entrez	8666
NCBI	NM_000484.2



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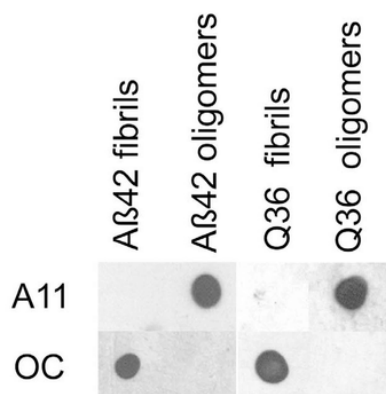
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Dot blot analysis using Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody. Tissue: Abeta42 fibrils and prefibrillar oligomers. Species: Human. Primary Antibody: Rabbit Anti-Amyloid Oligomers (A11) Polyclonal Antibody at 1:1000.

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