

## Datasheet

### APP fibrils polyclonal antibody (RPE )

**Catalog Number:** PAB28926

**Regulatory Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody against amyloid fibrils and fibrillar oligomers.

**Immunogen:** Fibrils prepared from human Abeta42 peptide.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** Dot, ELISA, ICC, IHC, IP, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** PAB28926 recognizes generic epitopes common to many amyloid fibrils and fibrillar oligomers, but not prefibrillar oligomers or natively folded proteins. 1:1000 dilution of PAB28926 was sufficient for detection of amyloid oligomers in 10ug of mouse brain lysates by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.

**Form:** Liquid

**Conjugation:** RPE

**Purification:** Protein A affinity purification

**Recommend Usage:** Dot blot (1:1000)

ELISA

Immunocytochemistry

Immunohistochemistry

Immunoprecipitation

Western Blot

The optimal working dilution should be determined by the end user.

**Storage Buffer:** PBS pH7.4, 50% glycerol and 0.09% sodium azide

**Storage Instruction:** Store at 4°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 351

**Gene Symbol:** APP

**Gene Alias:** AAA, ABETA, ABPP, AD1, APPI, CTFgamma, CVAP, PN2

**Gene Summary:** This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene. [provided by RefSeq]