Purified Polyclonal Antibody against Beta Amyloid (Aß) 42
(Formerly Signet Catalog No.: 9136-005)

Also Known As:
amyloid beta A4 protein; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide

Intended Use:
**Research Use Only (RUO)**
This product is sold for laboratory research use only, not for human or in-vivo use.

Form:
Affinity Purified Antibody (in PBS; no preservatives or carrier proteins)

Specificity:
Covance’s rabbit anti beta amyloid (Aß) 42 antibody is specific for the C-terminus of Aß 42. The rabbit anti Aß 42 reacts extremely well with the 42 isoform. The rabbit anti Aß 42 antibody does not cross-react with Aß 40 or APP. Altered levels of Aß isoforms, specifically the Aß 40 and Aß 42 have been shown in the brain tissues and CSF of Alzheimer’s Disease patients.

This antibody was generated against a peptide conjugated to keyhole limpet hemocyanin.

Uses:
This antibody is effective in immunoblotting and immunohistochemistry (IHC).

Suggested Working Dilution:
The optimal working dilution should be determined for each specific assay condition.

- IHC:
  Pretreatment: The epitope must be re-exposed in fixed tissue by pretreatment of tissue using formic acid (70%) for 10-30 minutes at room temperature

Storage:
Do not store antibody diluted below 50 ug/mL in the absence of protein (i.e.: add 2% bovine serum albumin). The antibody is best stored undiluted at -20°C to -70°C.

References:
Mehta PD, Pirttila T, Patrick BA, Barshatzky M, Mehta SP. Amyloid beta protein 40 and 42 levels in matched cerebrospinal fluid and plasma

See reverse side for additional information


Warranty/Conditions:
Covance products may not be resold or modified for resale without prior written approval. All sales are subject to Covance Antibody Products Terms and Conditions of Sale.

Datasheet Revision Date:
11/6/2011