



## Cat nr AE00295

## Product Datasheet

Rabbit Polyclonal Phospho-Specific Antibody, APP-pT743 to:

### APP, phosphorylated T743

amyloid beta precursor protein; Amyloid-beta A4 protein; Alzheimer disease amyloid protein; Amyloid precursor protein; Cerebral vascular amyloid peptide; Protease nexin-II; alpha-sAPP; AAA; AD1; AD1I; PN2; ABPP; APP; APPI; CVAP; ABETA; PN2; PN-II; preA4; CTFgamma

Cellular localization All membranes

Official Symbol (Gene) APP  
 GenelD 351  
 SwissProt P05067

Confirmed Applications WB  
 Positive controls brain tissue

Aeonian Rating® 70

Purification Antigen-affinity purified from serum by sequential phospho-peptide and non-phospho-peptide affinity columns.

Formulation   1 mg IgG/ml in PBS, 0.02% azide, 50% glycerol

Amount  200ug  100ug

Isotype Rabbit IgG

Confirmed species reactivity Human, Mouse, Rat

Immunogen A synthetic peptide around phosphorylated T743 of human APP (NP\_000475.1).

Epitope A short sequence around phosphorylated T743 (exact sequence is proprietary)

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

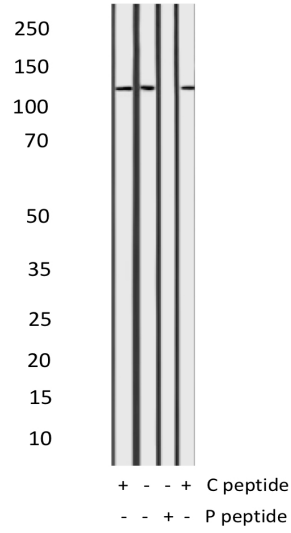
Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

**Product data:**

**Western Blot (WB):**

This product was successfully used to stain an approx. 120kDa band in lysates of mouse and rat brain lysates. Recommended concentration: 1-3ug/ml



Western Blot of brain lysates (10ug) from mouse (lanes 1 and 2) and rat (lanes 3 and 4) stained with APP-pT743 Polyclonal Antibody AE00295 at 1-2ug/ml (overnight at 4°C) in the presence (+) or absence (-) of its antigen (P peptide) or its non-phosphorylated control (C peptide) . ECL staining by HRP.