

## Product datasheet for **BP2159**

### Apolipoprotein E (APOE) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ID, WB
Recommended Dilution:	Radial immunodiffusion assay : 1/200. Immuno double- diffusion Rocket IEP. Western blot.
Reactivity:	Hamster
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Hamster Apolipoprotein E purified from Hamster plasma very low - and low density lipoprotein
Specificity:	Radial immunodiffusion, immunoblotting. Species-specific: extremely low recognition of human Apo AI. No data available regarding rat reactivity.
Formulation:	0.05% Sodium Azide, 100 U/ml penicillin, 10µg/ml streptomycin, 25 ng/ml amphotericin B State: Serum State: Liquid neat, heat inactivated, 0.22 µm filtered
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	apolipoprotein E
Database Link:	<a href="#">P02649</a>



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**Background:**

Apolipoprotein E is essential for the normal catabolism of triglyceride rich lipoprotein constituents. The apolipoprotein E gene is mapped to chromosome 19 in a cluster with APOC1 and APOC2. Defects in Apolipoprotein E result in familial dysbetalipoproteinemia, or type III hyperlipoproteinemia (HLP III), in which increased plasma cholesterol and triglycerides are the consequence of impaired clearance of chylomicron and VLDL remnants. Mutations in the APOE gene confer susceptibility to Alzheimer's disease by affecting amyloid-beta deposition.

**Synonyms:**

ApoE, Apo-E