

Supplementary Table 1**Recipe for the reaction mixture in the histoenzymology of diaphragm AChE**

Reagent	Mass/Volume (20 mL)	Mass/Volume (1 L)
Acetylthiocholine Iodide	10 mg	0.5 g
0.1 M Potassium Phosphate Buffer, pH 6.0	13 mL	650 mL
0.1 M Sodium Citrate	1 mL	50 mL
30 mM Copper Sulfate	2 mL	100 mL
5 mM Potassium Ferricyanide	2 mL	100 mL
Milli-Q Water	2 mL	100 mL

The reaction mixture was freshly prepared before each test.

Supplementary Table 2**Mouse responses to sequential doses of K16ApoE**

	Replication	Mouse Responses	Survive or Not	Death Time
0 nmol	S1	Normal.	Survive.	-
	S2		Survive.	-
	S3		Survive.	-
60 nmol	S1	Normal	Survive.	-
	S2		Survive.	-
	S3		Survive.	-
120 nmol	S1	Ear shrinkage and quick breath.	Survive.	-
	S2		Survive.	-
	S3		-	8 min 57 s
180 nmol	S1	Ear shrinkage, quick breath, and muscle spasm.	-	1 min 33 s
	S2		-	18 min 45 s
	S3		Survive.	-
240 nmol	S1	Breath difficulty and muscle spasm.	-	6 min 59 s
	S2		-	4 min
	S3		-	1 min 10 s
300 nmol	S1	Breath difficulty and muscle spasm.	-	1 min 25 s
	S2		-	2 min 16 s
	S3		-	1 min 11 s
360 nmol	S1	Breath difficulty and muscle spasm.	-	58 s
	S2		-	50 s
	S3		-	1 min
420 nmol	S1	Breath difficulty and muscle spasm.	-	1 min 10 s
	S2		-	1 min 11 s
	S3		-	1 min 13 s

Abbreviation: S, sample.