Datasheet for ABIN881132

anti-Acetylcholinesterase antibody (AA 521-614) (AbBy Fluor® 555)

1 Publication

Go to Product page

Overview

Quantity:	100 µL
Target:	Acetylcholinesterase (AChE)
Binding Specificity:	AA 521-614
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Acetylcholinesterase antibody is conjugated to AbBy Fluor® 555
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AchE
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Acetylcholinesterase (AChE)
Alternative Name:	Ache/Acetylcholinesterase (AChE Products)

Target Details

Background:	Synonyms: YT, ACEE, ARACHE, N-ACHE, Acetylcholinesterase, AChE Background: Terminates signal transduction at the neuromuscular junction by rapid hydrolysis of the acetylcholine released into the synaptic cleft. Role in neuronal apoptosis.
Gene ID:	43
UniProt:	P22303
Pathways:	Skeletal Muscle Fiber Development

Application Details

Application Notes:	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:	Roch, Trachsel, Lutolf: "Brief Reports: Single-Cell Analysis Reveals Cell Division-Independent Emergence of Megakaryocytes from Phenotypic Hematopoietic Stem Cells." in: **Stem cells (Dayton, Ohio)**, (2015) (PubMed).