

Anti-Butyrylcholinesterase Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Chicken,Dog,Pig,Horse,Rabbit)
Molecular Weight:	Theoretical: 66 kDa. Actual: 63 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Hela Cell Lysate at 30 µg Primary: Anti-BCHe (CT) (TMAB-03258) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/10000 dilution Predicted band size: 66 kD Observed band size: 63 kD
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human BCHE
Antigen Species:	Human
Gene ID:	590
Uniprot ID:	P06276

Research Background

Mutant alleles at the BCHE locus are responsible for suxamethonium sensitivity. Homozygous persons sustain prolonged apnea after administration of the muscle relaxant suxamethonium in connection with surgical anesthesia. The activity of pseudocholinesterase in the serum is low and its substrate behavior is atypical. In the absence of the relaxant, the homozygote is at no known disadvantage. [provided by RefSeq, Jul 2008].

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