

Butyrylcholinesterase polyclonal antibody

Catalog: BS6965

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 68 kDa

Swiss-Prot:

P06276

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB, 1:500 - 1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Butyrylcholinesterase polyclonal antibody detects endogenous levels of Butyrylcholinesterase protein.

DATA:

Western blot analysis of Butyrylcholinesterase expression in HEK293T (A), SW620 (B) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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