

## BCHE

**Reactivity:** Human Mouse Rat

**Tested applications:** WB IHC IF

**Recommended Dilution:** WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

**Calculated MW:** 68kDa

**Observed MW:** Refer to Figures

**Immunogen:**

Recombinant protein of human BCHE

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

E1; CHE1; CHE2;

**Catalog #:** A1460

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 590

**Isotype:** IgG

**Swiss Prot:** P06276

**Purity:** Affinity purification

For research use only.

**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.

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