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**Product Information**

<b>Product SKU:</b>	CAB1460	<b>Gene ID:</b>	590	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

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**Additional Information**

<b>Observed MW:</b>	68kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	68kDa	<b>Isotype:</b>	IgG

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**Immunogen Information**

**Background:** This gene encodes a cholinesterase enzyme and member of the type-B carboxylesterase/lipase family of proteins. The encoded enzyme exhibits broad substrate specificity and is involved in the detoxification of poisons including organophosphate nerve agents and pesticides, and the metabolism of drugs including cocaine, heroin and aspirin. Humans homozygous for certain mutations in this gene exhibit prolonged apnea after administration of the muscle relaxant succinylcholine.

**Recommended Dilution:** WB,1:500 - 1:2000

**Synonyms:** E1; CHE1; CHE2; BCHED; Butyrylcholinesterase

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 29-270 of human Butyrylcholinesterase (NP\_000046.1).

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