

CAB8861

Product Information

Product SKU:	CAB8861	Gene ID:	590	Size:	20uL, 100uL
Clone No:	ARC1328	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	90kDa	Conjugate:	Unconjugated
Calculated MW:	68kDa	Isotype:	IgG

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 - 1:1000

Synonyms: E1; CHE1; CHE2; BCHED; Butyrylcholinesterase

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 500-602 of human Butyrylcholinesterase (P06276).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.