Anti-CHLE antibody

Description	Unconjugated Rabbit polyclonal to CHLE

Model	STJ192073
Host	Rabbit
Reactivity	Human
Applications	ELISA, WB
Gene ID	590
Gene Symbol	BCHE
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	CHLE Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in blood plasma (at protein level). Present in most cells except erythrocytes.
Purification	CHLE antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cholinesterase Acylcholine acylhydrolase Butyrylcholine esterase Choline esterase II Pseudocholinesterase
Molecular Weight	66 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:983OMIM:177400
Alternative Names	Cholinesterase Acylcholine acylhydrolase Butyrylcholine esterase Choline esterase II Pseudocholinesterase
Function	Esterase with broad substrate specificity. Contributes to the inactivation of the neurotransmitter acetylcholine. Can degrade neurotoxic organophosphate esters.
Cellular Localization	Secreted
Post-translational Modifications	N-glycosylated. No other PTM detected . The major N-glycan structures are of the complex diantennary type with 1 and 2 N-acetylneuraminic acid molecules (Neu5Ac) making up approximately 33% and 47% of the total N-glycans, respectively. Only low amounts of fucosylated diantennary N-glycans are detected (approximately 2%). Triantennary N-glycans with or without fucose amount to approximately 13%, whereas 5% of the total N-glycans are of the oligomannosidic or hybrid type.