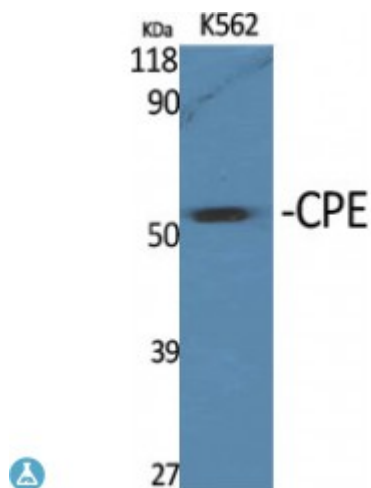


Anti-CPE antibody



Description	Rabbit polyclonal to CPE.
Model	STJ92447
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CPE
Immunogen Region	240-320 aa, Internal
Gene ID	1363
Gene Symbol	CPE
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	CPE Polyclonal Antibody detects endogenous levels of CPE protein.
Tissue Specificity	Isoform 2, but not isoform 1, is overexpressed in hepatocellular carcinoma (at protein level), as well as in other tumors, including pheochromocytomas and paragangliomas.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Carboxypeptidase E CPE Carboxypeptidase H CPH Enkephalin convertase Prohormone-processing carboxypeptidase
Molecular Weight	53 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:2303OMIM:114855
Alternative Names	Carboxypeptidase E CPE Carboxypeptidase H CPH Enkephalin convertase Prohormone-processing carboxypeptidase
Function	Removes residual C-terminal Arg or Lys remaining after initial endoprotease cleavage during prohormone processing. Processes proinsulin.
Cellular Localization	Isoform 1: Cytoplasmic vesicle, secretory vesicle membrane Secreted. Associated with the secretory granule membrane through direct binding to lipid rafts in intragranular conditions. Isoform 2: Nucleus

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