ELK Biotechnology

CEL3B rabbit pAb

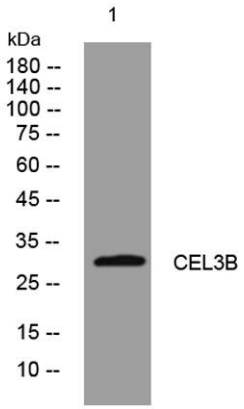
Cat No.:ES17526

For research use only

Overview

Product Name	CEL3B rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human; Mouse
Recommended dilutions	WB 1：500-2000
Immunogen	Synthesized peptide derived from human CEL3B AA range: 206-256
Specificity	This antibody detects endogenous levels of CEL3B at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	CEL3B
Gene Name	CELA3B ELA3B
Cellular localization	extracellular space,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	
Human Gene ID	23436
Human Swiss-Prot Number	P08861
Alternative Names	
Background	Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Unlike other elastases, elastase 3B has little elastolytic activity. Like most of the human elastases, elastase 3B is secreted from the pancreas as a zymogen and, like other serine proteases such as trypsin, chymotrypsin and kallikrein, it has a

digestive function in the intestine. Elastase 3B preferentially cleaves proteins after alanine residues. Elastase 3B may also function in the intestinal transport and metabolism of cholesterol. Both elastase 3A and elastase 3B have been referred to as protease E and as elastase 1, and excretion of this protein in fecal material is frequently used as a measure of pancreatic function in clinical assays. [provided by RefSeq, May 2009],



Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4°over night

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