

EST3 rabbit pAb

Cat No.:ES16669

For research use only

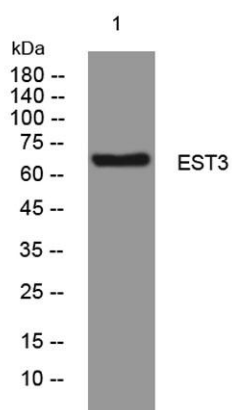
Overview

Product Name	EST3 rabbit pAb
Host species	Rabbit
Applications	WB
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:500-2000
Immunogen	Synthesized peptide derived from human EST3 AA range: 447-497
Specificity	This antibody detects endogenous levels of EST3 at Human
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	EST3
Gene Name	CES3 UNQ869/PRO1887
Cellular localization	Endoplasmic reticulum lumen .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	65kD
Human Gene ID	23491
Human Swiss-Prot Number	Q6UWW8
Alternative Names	Carboxylesterase 3 (EC 3.1.1.1) (Liver carboxylesterase 31 homolog)
Background	This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain





barrier system. This gene is expressed in several tissues, particularly in colon, trachea and in brain, and the protein participates in colon and neural drug metabolism. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported, but the biological validity and/or full-length nature of some variants have not been determined.[provided by RefSeq, Jun 2010],



Western blot analysis of lysates from HCT116 cells,
primary antibody was diluted at 1:1000, 4° over night

