

## EST3 Rabbit Polyclonal Antibody

### Description

Product type	Primary Antibody
Code	BT-AP09789
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human EST3
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	EST3
Synonyms	EST3; Carboxylesterase 3; EC 3.1.1.1; Liver carboxylesterase 31 homolog)

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

### Background

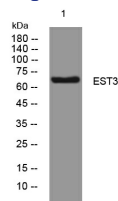
This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics [such as cocaine and heroin] and endogenous substrates with ester [thioester] or amide bonds. They may participate in fatty acyl and cholesterol 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.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



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

### Storage

-20°C for 1 year