

EST5A Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP09792
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human EST5A
Mol wt	63250
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	EST5A
Synonyms	EST5A

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

Background

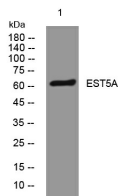
This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics [such as cocaine and heroin] and endogenous substrates with ester [thioester] or amide bonds. They also participate in fatty acyl and cholesterol ester metabolism and may play a role in the blood-brain barrier system. This gene [also called CES5] is predominantly expressed in peripheral tissues [including brain] kidney [lung and testis]. It encodes a secreted enzyme. Because of high levels in the urine of male domestic cats [this enzyme is also called cauxin (carboxylesterase-like urinary excreted protein)]. The enzyme functions in regulating the production of a pheromone precursor and may contribute to lipid and cholesterol transfer processes within male reproductive fluids. Multiple transcript variants encoding different isoforms have been found for this gene.

Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

Images



Western blot analysis of lysates from HpeG2 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year