

CES4A Rabbit pAb

Catalog # AP98149

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q5XG92
Other Accession	Q5XG92
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	63529
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CES4A
Epitope Specificity	491-561/561
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the type-B carboxylesterase/lipase family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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 CES6, encodes a secreted enzyme, and may play a role in the detoxification of drugs and xenobiotics in neural and other tissues of the body and in the cerebrospinal fluid. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature and/or biological validity of some variants have not been determined. [provided by RefSeq, Jun 2010]

Additional Information

Gene ID	283848
Other Names	CES6; CES8; EST4A_HUMAN; CES4A; 3.1.1.-; carboxylesterase 4A; carboxylesterase 8 (putative)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	CES4A
Synonyms	CES8
Function	Probable carboxylesterase.
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.