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Datasheet for ABIN2790977

anti-CES4A antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	CES4A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Rabbit, Cow, Guinea Pig, Horse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CES4A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C-terminal region of human CES4A
Sequence:	KYWANFARTG NPNDGNLPCW PRYNKDEKYL QLDFTTRVGM KLKEKKMAFW
Predicted Reactivity:	Cow: 100%, Guinea Pig: 86%, Horse: 79%, Human: 100%, Mouse: 86%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against CES4A. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CES4A
Alternative Name:	CES4A (CES4A Products)
Background:	This gene encodes a member of the carboxylesterase large family. The family members are

Target Details

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.

Alias Symbols: CES6, CES8

Protein Size: 514

Molecular Weight:	56 kDa
Gene ID:	283848
NCBI Accession:	NM_001190201 , NP_001177130
UniProt:	Q5XG92

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1.