

Datasheet for ABIN2788984
anti-CES3 antibody (C-Term)



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Overview

Quantity:	100 µL
Target:	CES3
Binding Specificity:	C-Term
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CES3 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	QAEQYLEINP VPRAGQKFRE AWMQFWSETL PSKIQQWHQK QKNRKAQEDL
Predicted Reactivity:	Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against CES3. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	CES3
Alternative Name:	CES3 (CES3 Products)
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

Target Details

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.

Alias Symbols: ES31, FLJ21736

Protein Interaction Partner: BMPR2,

Protein Size: 571

Molecular Weight: 63 kDa

Gene ID: 23491

NCBI Accession: [NM_024922](#), [NP_079198](#)

UniProt: [Q6UWW8](#)

Pathways: [Monocarboxylic Acid Catabolic Process](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 571 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

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 repeated freeze-thaw cycles.

Storage: -20 °C

Handling

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.

Images

