

Rabbit anti-Human, Mouse CES2 Polyclonal Antibody | anti-CES2 antibody

CES2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA166151	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

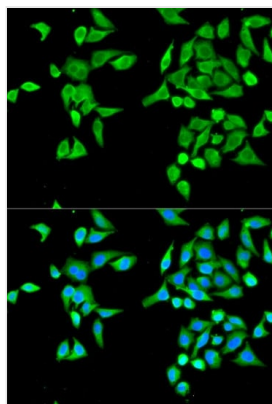
PRODUCT SYNONYMS

CES2; Polyclonal Antibody; CES2 Antibody; ICE; CE-2; PCE-2; CES2A1; anti-CES2 antibody

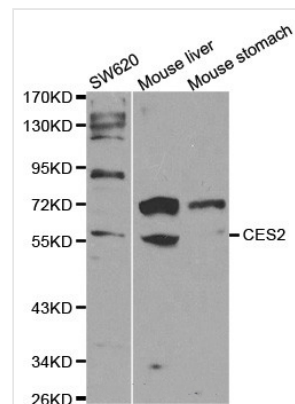
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	607
Applicable Applications for anti-CES2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human CES2
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-65026
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES


IF (Immunofluorescence)

Immunofluorescence analysis of MCF-7 cell using CES2 antibody. Blue: DAPI for nuclear staining.


WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CES2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CES2 antibody	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. The protein encoded by this gene is the major intestinal enzyme and functions in intestine drug clearance. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Oct 2010]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37622887
NCBI GeneID	8824
NCBI Accession #	NP_932327.1
NCBI GenBank Nucleotide #	NM_198061.2
Molecular Weight	59,959 Da
NCBI Official Full Name	cocaine esterase isoform 2
NCBI Official Synonym Full Names	carboxylesterase 2
NCBI Official Symbol	CES2
NCBI Official Synonym Symbols	iCE; CE-2; PCE-2; CES2A1
NCBI Protein Information	cocaine esterase; carboxylesterase 2 (intestine, liver); hCE-2; intestinal carboxylesterase; liver carboxylesterase-2; methylumbelliferyl-acetate deacetylase 2
UniProt Protein Name	Cocaine esterase
UniProt Gene Name	CES2
UniProt Synonym Gene Names	ICE; CE-2; hCE-2
UniProt Entry Name	EST2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ces2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/166151>