

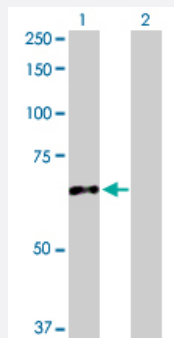
MaxPab®

CES2 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00008824-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of CES2 expression in transfected 293T cell line ([H00008824-T03](#)) by CES2 MaxPab polyclonal antibody.

Lane 1: CES2 transfected lysate(68.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human CES2 protein.

Immunogen

CES2 (NP_003860.2, 1 a.a. ~ 623 a.a) full-length human protein.

Sequence

MTAQRSPTTPTFPGPSQRTPLTPCPVQTPRLGKALHCWTDPGQPLGEQQRVRRQRTETSEPT
MRLHRLRARLSAVACGLLLLLVRGQGQDSASPIRTTHTGQVLGSLVHVKGANAGVQTF LGIPFAK
PPLGPLRFAPPEPPESWSGVRDGTTHPAMCLQDLTAVESEFLSQFNMTFSPDSMSSEDCLYLSIY
TPAHSHEGSNLPVMVWIHGGALVFGMASLYDGSM LAALENVVVIIQYRLGVLGFFSTGDKHATG
NWGYLDQVAALRWVQQNIAHFGGNPDRVTIFGESAGGTSVSSLVVSPIQGLFHGAIMESGVALL
PGLIASSADVISTV VANLSACDQVDSEALVGCLRGKSKEEILAINKPFKMIPGVVDGVFLPRHPQE
LLASADFQPVPSVGVNNNEFGWLIPKVMRIYDQKEMDREASQAALQKMLTLLMLPPTFGDLLR
EEYIGDNGDPQTLQAQFQEMMADSMFVIPALQVAHFQCSRAPVYFYEFQHQP SWLKNIRPPHMK
ADHGDELFPVFRSFFGGNYIKFTEEEQLSRKMMKYWANFARNGNPNGEGLPHWPLFDQEEQY
LQLNLQPAVGRALKAHRLQFWKKALPQKIQELEEPEERHTEL

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (72); Rat (73)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — CES2

Entrez GeneID	8824
GeneBank Accession#	NM_003869.4
Protein Accession#	NP_003860.2
Gene Name	CES2
Gene Alias	CE-2, CES2A1, PCE-2, ICE
Gene Description	carboxylesterase 2 (intestine, liver)
Omim ID	605278
Gene Ontology	Hyperlink

Gene Summary	Carboxylesterase 2 is a member of a large multigene family. The enzymes encoded by these genes are responsible for the hydrolysis of ester- and amide-bond-containing drugs such as cocaine and heroin. They also hydrolyze long-chain fatty acid esters and thioesters. The specific function of this enzyme has not yet been determined; however, it is speculated that carboxylesterases may play a role in lipid metabolism and/or the blood-brain barrier system. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq]
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Other Designations	carboxylesterase 2 intestinal carboxylesterase; liver carboxylesterase-2
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Pathway

- [Drug metabolism - other enzymes](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypersensitivity](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Tobacco Use Disorder](#)