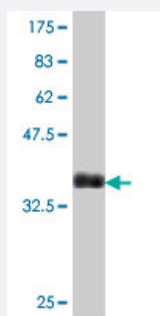


CES2 polyclonal antibody (A01)

Catalog # H00008824-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.99 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant CES2.
Immunogen	CES2 (NP_003860, 514 a.a. ~ 621 a.a) partial recombinant protein with GST tag.
Sequence	PPHMKADHGDELPFVFRSFFGGNYIKFTEEEEQLSRKMMKYWANFARNGNPNGEGLPHWPLFD QEEQYLQLNLQPAVGRALKAHRLQFWKKALPQKIQELEEEPERHT
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (72); Rat (73)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.99 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — CES2

Entrez GeneID [8824](#)

GeneBank Accession# [NM_003869](#)

Protein Accession# [NP_003860](#)

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]

Other Designations carboxylesterase 2|intestinal carboxylesterase; liver carboxylesterase-2

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](#)