

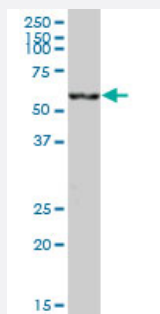
MaxPab®

CES2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008824-B01P

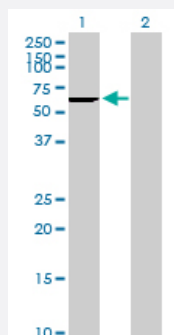
Size 50 ug

Applications



Western Blot (Tissue lysate)

CES2 MaxPab polyclonal antibody. Western Blot analysis of CES2 expression in human liver.



Western Blot (Transfected lysate)

Western Blot analysis of CES2 expression in transfected 293T cell line ([H00008824-T01](#)) by CES2 MaxPab polyclonal antibody.

Lane1:CES2 transfected lysate(68.53 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description

Mouse 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	MTAQRSRPTTPTFPGPSQRTPLTPCPVQTPRLGKALHCWTDPGQPLGEQQRVRRQRTETSEPT MRLHRLRARLSAVACGLLLLLVRGQGQDSASPIRTTHTGQVLGSLVHVKGANAGVQTFLGIPFAK PPLGPLRFAPPEPPESWSGVDRDGTTHPAMCLQDLTAVESEFLSQFNMTFSPDSMSSEDCLYLSIY TPAHSHEGSNLPVMVWIHGGALVFGMASLYDGSM LAALENVVVIIQYRLGVLGFFSTGDKHATG NWGYLDQVAALRWVQQNIAHFGGNPDRVITIFGESAGGTSVSSLVVSPIQGLFHGAIMESGVALL PGLIASSADVISTVVANLSACDQVDSEALVGCLRGKSKEEILAINKPFKMIPGVVDGVFLPRHPQE LLASADFQVPVPSIVGVNNNEFGWLIPKVMRIYDTQKEMDREASQAALQKMLTLLMLPPTFGDLLR EEYIGDNGDPQTLQAQFQEMMADSMFVIPALQVAHFQCSRAPVYFYEFQHQP SWLKNIRPPHMK ADHGDELPFVFRSFFGGNYIKFTEEEEQLSRKMMKYWANFARNGNPNGEGLPHWPLFDQEEQY LQLNLQPAVGRALKAHRLQFWKKALPQKIQELEEEPEERHTEL
Host	Mouse
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.

Applications

- Western Blot (Tissue lysate)

CES2 MaxPab polyclonal antibody. Western Blot analysis of CES2 expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of CES2 expression in transfected 293T cell line ([H00008824-T01](#)) by CES2 MaxPab polyclonal antibody.

Lane1:CES2 transfected lysate(68.53 KDa).

Lane2:Non-transfected lysate.

[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]
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](#)