

## Datasheet

### CES3 purified MaxPab mouse polyclonal antibody (B01P)

**Catalog Number:** H00023491-B01P

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a full-length human CES3 protein.

**Immunogen:** CES3 (AAH53670.1, 1 a.a. ~ 568 a.a) full-length human protein.

**Sequence:**

MERAVRVESGVLGVVCLLLACPATATGPEVAQPEVD  
TTLGRVRGRQGVKGTDRLVNVFLGIPFAQPPLGPDR  
FSAPHPAQPWEGVRDASTAPPMCLQDVESMNSSRFV  
LNGKQQIFSSEDCLVLNVYSPAIEVPAGSGRPVMVWV  
HGGALITGAATSYDGSALAAYGDVVVVTVQYRLGVLG  
FFSTGDEHAPGNQGFLDVVAALRWVQENIAPFGGDLN  
CVTVFGGSAGGSIISGLVSPVAAGLFHRAITQSGVITT  
PGIIDSHPWPLAQKIANLACSSSSPAEMVQCLQKKEG  
EELVLSKKLKNITVPLTVDGTVFPKSPKELLKEKPFHSV  
PFLMGVNNHEFSWLIPRGWGLLDTMEQMSREDMLAI  
STPVLTSLDVPPPEMMPTVIDEYLGNSDAQAKCQAFQ  
EFMGDVFINVPTVSFSRYLRDSGSPVFFYEFQHRPSS  
FAKIKPAWVKADHGAEGAFVFGGPFLMDESSRLEATE  
EEKQLSLTMMAQWTHFARTGDPNSKALPPWPQFNQA  
EQYLEINPVPRAGQKFREAWMQFWSETLPSKIQQWH  
QKQKNRKAQEDL

**Host:** Mouse

**Reactivity:** Human

**Applications:** WB-Tr

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 23491

**Gene Symbol:** CES3

**Gene Alias:** ES31, FLJ21736

**Gene Summary:** Carboxylesterase 3 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. [provided by RefSeq]