

CES2 Antibody

Catalog No: #34546

Package Size: #34546-1 50ul #34546-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

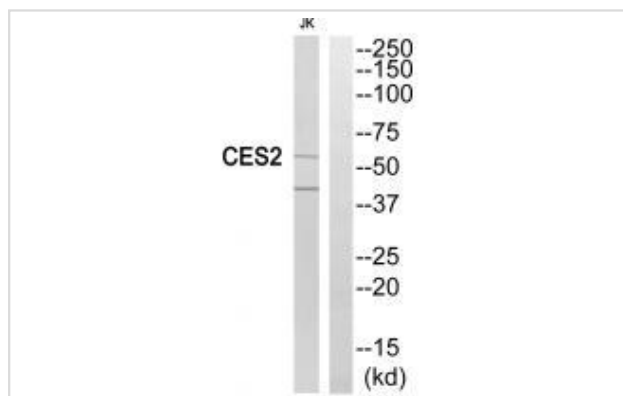
Description

Product Name	CES2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CES2protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human CES2.
Target Name	CES2
Other Names	Carboxylesterase 2; carboxylesterase 2 (intestine; liver); CE-2; CES2
Accession No.	Swiss-Prot: O00748NCBI Gene ID: 8824
Uniprot	O00748
GeneID	8824;
SDS-PAGE MW	62kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from Jurkat cells, using CES2 antibody #34546.

Background

Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Shows high catalytic efficiency for hydrolysis of cocaine, 4-methylumbelliferyl acetate, heroin and 6-monoacetylmorphine.

Schwer H., Biochem. Biophys. Res. Commun. 233:117-120(1997).

Pindel E.V., J. Biol. Chem. 272:14769-14775(1997).

Sone T., Submitted (NOV-1997) to the EMBL/GenBank/DDBJ databases.

Note: This product is for in vitro research use only