

For Research Use Only

CES3 Polyclonal antibody

Catalog Number: 14587-1-AP **2 Publications**



Basic Information

Catalog Number: 14587-1-AP	GenBank Accession Number: BC053670	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23491	Recommended Dilutions: WB 1:2000-1:10000 IF 1:50-1:500
Source: Rabbit	Full Name: carboxylesterase 3	
Isotype: IgG	Calculated MW: 62 kDa	
Immunogen Catalog Number: AG6113	Observed MW: 60-62 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls: WB : mouse liver tissue, IF : HeLa cells,
Cited Applications: WB	
Species Specificity: human, mouse	
Cited Species: human, mouse	

Background Information

CES3 is involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. It is expressed in liver, colon and small intestine. This antibody recognizes both isoforms with MW 60-62 kDa and 24 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Jianying Bai	28866046	Environ Toxicol Pharmacol	WB
Galligan James J JJ	21319786	J Proteome Res	WB

Storage

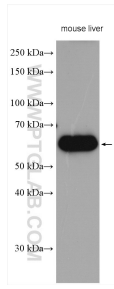
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

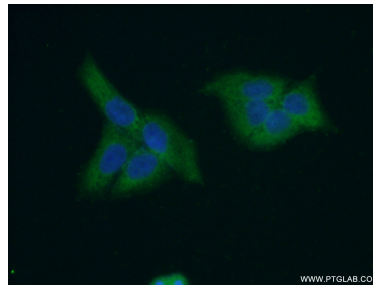
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



mouse liver tissue were subjected to SDS PAGE followed by western blot with 14587-1-AP (CES3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 14587-1-AP (CES3 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).