

For Research Use Only

CES7-Specific Polyclonal antibody

Catalog Number: 19520-1-AP



Basic Information

Catalog Number: 19520-1-AP	GenBank Accession Number: NM_145024	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 460 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 221223	Recommended Dilutions: WB 1:200-1:1000 IF 1:20-1:200
Source: Rabbit	Full Name: carboxylesterase 7	
Isotype: IgG	Calculated MW: 64 kDa	
	Observed MW: 58-60 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: human	WB : HepG2 cells, IF : HepG2 cells,

Background Information

CES7, also named as CAUXIN, CES4C1, CES5 and FLJ31547, belongs to the type-B carboxylesterase/lipase family. CES7 is involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. CES7 catalyze the reaction: A carboxylic ester + H₂O = an alcohol + a carboxylate. The antibody can recognize the isoform1 and isoform2.

Storage

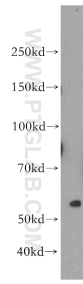
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

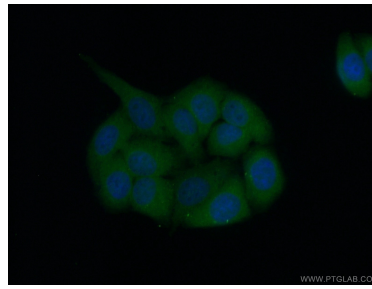
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 19520-1-AP (CES7-Specific antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (10% Formaldehyde) fixed HepG2 cells using 19520-1-AP (CES7-Specific antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).