

bs-18301R**[Primary Antibody]****CES1/Liver Carboxylesterase 1 Rabbit pAb****BioSS**
ANTIBODIES

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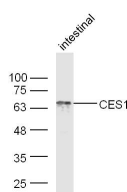
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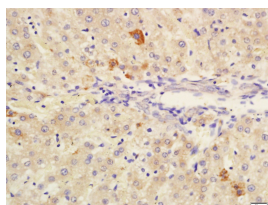
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— DATASHEET —

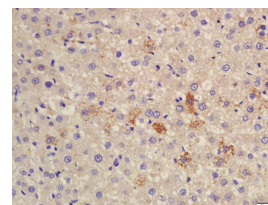
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 1066	SWISS: P23141	IHC-F (1:100-500)
Target: CES1/Liver Carboxylesterase 1		IF (1:100-500)
Immunogen: KLH conjugated synthetic peptide derived from human CES1: 151-250/567.		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 61 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cytoplasm
Background: This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This enzyme is the major liver enzyme and functions in liver drug clearance. Mutations of this gene cause carboxylesterase 1 deficiency. Three transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]		

— VALIDATION IMAGES —

Protein: intestinal(mouse) lysate at 40ug;
 Primary: rabbit Anti-CES1/Liver Carboxylesterase 1 (bs-18301R) at 1:300;
 Secondary: HRP conjugated Goat-Anti-rabbit IgG(bs-0295G-HRP) at 1: 5000; Predicted band size: 61 kD Observed band size: 66 kD



Tissue/cell: rat liver tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CES1 / Liver Carboxylesterase 1 Polyclonal Antibody, Unconjugated(bs-18301R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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