

Datasheet: VPA00556

BATCH NUMBER 160801

Description:	RABBIT ANTI CES1
Specificity:	CES1
Format:	Purified
Product Type:	PrecisionAb Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species	Human
Product Form	Purified IgG - liquid.
Preparation	Rabbit polyclonal antibody prepared by affinity chromatography on Protein A.
Buffer Solution	Phosphate buffered saline.
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 2% Sucrose
Immunogen	Synthetic peptide directed towards the C terminal region of human CES1
External Database Links	UniProt: P23141 Related reagents

Entrez Gene:[1066](#) CES1 [Related reagents](#)

Synonyms CES2, SES1

Specificity **Rabbit anti Human CES1 antibody** recognizes CES1, also known as acyl coenzyme A:cholesterol acyltransferase, brain carboxylesterase hBr1, carboxylesterase 1 (monocyte/macrophage serine esterase 1), carboxylesterase 2 (liver), cholesteryl ester hydrolase, cocaine carboxylesterase, egasyn, human monocyte/macrophage serine esterase 1, methylumbelliferyl-acetate deacetylase 1 or retinyl ester hydrolase.

CES1 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 CES1 cause [carboxylesterase 1 deficiency](#). Three transcript variants encoding three different isoforms have been found for CES1 (provided by RefSeq, Jun 2010).

Rabbit anti Human CES1 antibody detects a band of 63 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti CES1 detects a band of approximately 63 kDa in HepG2 cell lysates.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories

Health And Safety Information Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00556>
Antibody (10045)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: antibody_sales_us@bio-rad.com**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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