



# 17 $\beta$ -HSD11 rabbit pAb

Cat No.:ES1546

For research use only

## Overview

<b>Product Name</b>	17 $\beta$ -HSD11 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/5000. IF 1:100-300 Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human DHRS8. AA range:71-120
<b>Specificity</b>	17 $\beta$ -HSD11 Polyclonal Antibody detects endogenous levels of 17 $\beta$ -HSD11 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Estradiol 17-beta-dehydrogenase 11
<b>Gene Name</b>	HSD17B11
<b>Cellular localization</b>	Endoplasmic reticulum . Lipid droplet . Redistributed from the endoplasmic reticulum to lipids droplets in the cell upon induction of lipids droplet formation. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	36kD
<b>Human Gene ID</b>	51170
<b>Human Swiss-Prot Number</b>	Q8NBQ5
<b>Alternative Names</b>	HSD17B11; DHRS8; PAN1B; PSEC0029; Estradiol 17-beta-dehydrogenase 11; 17-beta-hydroxysteroid dehydrogenase 11; 17-beta-HSD 11; 17bHSD11; 17betaHSD11; 17-beta-hydroxysteroid dehydrogenase XI; 17-beta-HSD XI; 17betaHSDXI; Cutaneous T-cell lym

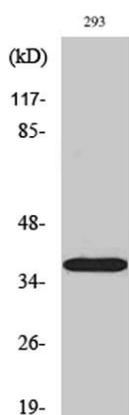
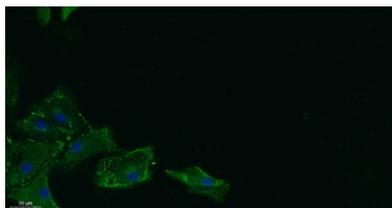




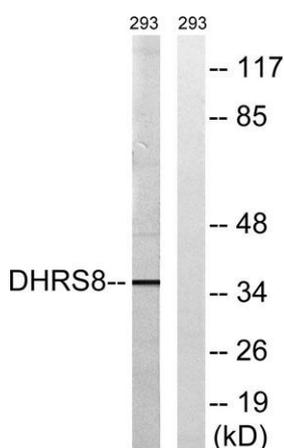
## Background

Short-chain alcohol dehydrogenases, such as HSD17B11, metabolize secondary alcohols and ketones (Brereton et al., 2001 [PubMed 11165019]).[supplied by OMIM, Jun 2009],

Immunofluorescence analysis of A549. 1,primary Antibody was diluted at 1:200(4°C overnight). 2, Goat Anti Rabbit IgG (H&L) - Alexa Fluor 488 Secondary antibody was diluted at 1:1000(room temperature, 50min).3, Picture B: DAPI(blue) 10min.



Western Blot analysis of various cells using 17 $\beta$ -HSD11 Polyclonal Antibody

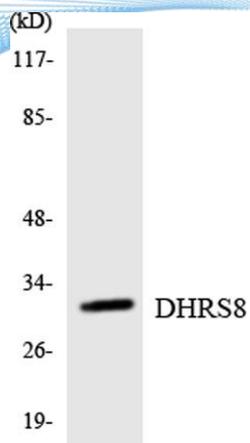


Western blot analysis of lysates from 293 cells, using DHRS8 Antibody. The lane on the right is blocked with the synthesized peptide.





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Western blot analysis of the lysates from RAW264.7 cells using DHRS8 antibody.



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