



# Anti-HSD17B1 polyclonal antibody (DPABT-H27649)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Sheep Anti-HSD17B1 Polyclonal Antibody
<b>Antigen Description</b>	17b Estradiol is used as a growth promoter on beef cattle. It is given to animals in form of a subcutaneous implant in the ear, alone or in combination with other hormonally active compounds such as progesterone or trenbolone acetate.
<b>Target</b>	HSD17B1
<b>Immunogen</b>	Estradiol -BSA
<b>Source/Host</b>	Sheep
<b>Species Reactivity</b>	N/A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	EIA
<b>Format</b>	Ig fraction
<b>Concentration</b>	7.7mg/ml
<b>Buffer</b>	20mM Phosphate, 150mM Sodium Chloride, pH 7.2
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	-20°C, avoid repeated freeze/thaw cycles

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">HSD17B1 hydroxysteroid (17-beta) dehydrogenase2[ Homo sapiens ]</a>
<b>Official Symbol</b>	HSD17B1
<b>Synonyms</b>	HSD17B1; hydroxysteroid (17-beta) dehydrogenase 1; EDH17B2, EDHB17; estradiol 17-beta-dehydrogenase 1; Estradiol28beta dehydrogenase 1; HSD17; MGC138140; SDR28C1; short chain dehydrogenase/reductase family 28CE; member 1; E2DH; 20-alpha-HSD; 17-beta-HSD 1
<b>Entrez Gene ID</b>	<a href="#">3292</a>
<b>Protein Refseq</b>	<a href="#">NP_000404</a>
<b>UniProt ID</b>	<a href="#">P14061</a>
<b>Chromosome Location</b>	17q11-q21
<b>Pathway</b>	Estrogen biosynthesis, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; Metabolism of steroid hormones and vitamins A
<b>Function</b>	catalytic activity; estradiol 17-beta-dehydrogenase activity; nucleotide binding; oxidoreductase activity;